



## SUMMARY

### *Indoor wall cladding in a domestic setting*

▶ ON INDOOR LIME/CEMENT PLASTER WITH HEATING.....	2
▶ ON INDOOR LIME/CEMENT PLASTER WITHOUT HEATING.....	3
▶ ON INDOOR CONCRETE SUBSTRATE.....	4
▶ ON INDOOR PREFAB CONCRETE.....	5
▶ ON INDOOR EXISTING TILES OR MOSAIC OR STONES.....	6
▶ ON INDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS.....	7
▶ ON INDOOR CEMENT/FIBRE CEMENT PANELS.....	8

### *Indoor wall cladding in a public setting*

▶ ON INDOOR LIME/CEMENT PLASTER WITH HEATING.....	9
▶ ON INDOOR LIME/CEMENT PLASTER WITHOUT HEATING.....	10
▶ ON INDOOR CONCRETE SUBSTRATE.....	11
▶ ON INDOOR PREFAB CONCRETE.....	12
▶ ON INDOOR EXISTING TILES OR MOSAIC OR STONES.....	13
▶ ON INDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS.....	14
▶ ON INDOOR CEMENT/FIBRE CEMENT PANELS.....	15
▶ ON INDOOR LIME/CEMENT PLASTER WITH HEATING.....	16
▶ ON INDOOR LIME/CEMENT PLASTER WITHOUT HEATING.....	17

### *Indoor wall cladding in a commercial - industrial setting*

▶ ON INDOOR CONCRETE SUBSTRATE.....	18
▶ ON INDOOR PREFAB CONCRETE.....	19
▶ ON INDOOR EXISTING TILES OR MOSAIC OR STONES.....	20
▶ ON INDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS.....	21
▶ ON INDOOR CEMENT/FIBRE CEMENT PANELS.....	22

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR LIME/CEMENT PLASTER WITH HEATING**

Provision and installation, on indoor lime/cement plaster with heating, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm for the peripheral gaps of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved deformable or highly deformable cementitious adhesive belonging to class C2S1/S2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR LIME/CEMENT PLASTER WITHOUT HEATING**

Provision and installation, on indoor lime/cement plaster without heating, of new flooring with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR CONCRETE SUBSTRATE**

Provision and installation, on indoor concrete substrate, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR PREFAB CONCRETE**

Provision and installation, on indoor prefab concrete, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR EXISTING TILES OR MOSAIC OR STONES**

Provision and installation, on indoor existing tiles, mosaic tiles or stones, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on indoor areas waterproofed with liquid cementitious products, of new flooring with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a domestic setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR CEMENT/FIBRE CEMENT PANELS**

Provision and installation, on indoor cement/fibre cement panels, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm for the peripheral gaps of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved deformable or highly deformable cementitious adhesive belonging to class C2S1/S2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.





## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR LIME/CEMENT PLASTER WITH HEATING**

Provision and installation, on indoor lime/cement plaster with heating, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm for the peripheral gaps of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved deformable or highly deformable cementitious adhesive belonging to class C2S1/S2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR LIME/CEMENT PLASTER WITHOUT HEATING**

Provision and installation, on indoor lime/cement plaster without heating, of new flooring with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR CONCRETE SUBSTRATE**

Provision and installation, on indoor concrete substrate, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR PREFAB CONCRETE**

Provision and installation, on indoor prefab concrete, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR EXISTING TILES OR MOSAIC OR STONES**

Provision and installation, on indoor existing tiles, mosaic tiles or stones, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on indoor areas waterproofed with liquid cementitious products, of new flooring with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a public setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR CEMENT/FIBRE CEMENT PANELS**

Provision and installation, on indoor cement/fibre cement panels, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm for the peripheral gaps of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved deformable or highly deformable cementitious adhesive belonging to class C2S1/S2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR LIME/CEMENT PLASTER WITH HEATING**

Provision and installation, on indoor lime/cement plaster with heating, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm for the peripheral gaps of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved deformable or highly deformable cementitious adhesive belonging to class C2S1/S2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.





## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR LIME/CEMENT PLASTER WITHOUT HEATING**

Provision and installation, on indoor lime/cement plaster without heating, of new flooring with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR CONCRETE SUBSTRATE**

Provision and installation, on indoor concrete substrate, Provision and installation, on indoor concrete substrate, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from peripheral cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ } ^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR PREFAB CONCRETE**

Provision and installation, on indoor prefab concrete, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **► ON INDOOR EXISTING TILES OR MOSAIC OR STONES**

Provision and installation, on indoor existing tiles, mosaic tiles or stones, of new wall cladding with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### **▶ ON INDOOR AREAS WATERPROOFED WITH LIQUID CEMENTITIOUS PRODUCTS**

Provision and installation, on indoor areas waterproofed with liquid cementitious products, of new flooring with Lapitec sintered stone (largest format up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm from the peripheral joints of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved cementitious adhesive belonging to class C2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.



## *Indoor wall cladding in a commercial - industrial setting*

### **Installation of new sintered stone wall cladding with adhesive and with or without reinforced mesh, up to 5,050 cm<sup>2</sup>**

#### ► **ON INDOOR CEMENT/FIBRE CEMENT PANELS**

Provision and installation, on indoor cement/fibre cement panels, of new wall cladding with Lapitec sintered stone (largest format of up to 5,050 cm<sup>2</sup>) compliant with standard \_\_\_\_\_; thickness 12 mm; in the colour and finish selected by Construction Management; installed with open gaps of no less than 5 mm; maintaining a minimum gap of 5 mm for the peripheral gaps of the cladding (around columns, corners, wall to floor or wall to roof, stair risers...); with improved deformable or highly deformable cementitious adhesive belonging to class C2S1/S2, in keeping with standard EN 120004.

The surface for adhesion between the slabs and the substrate must be guaranteed at 75%, for large slabs (>3600 cm<sup>2</sup>) the adhesion surface must be 85% and the remaining portion in contact.

Gaps must be sealed with improved cementitious grout, class CG2WA in compliance with standard EN 13888.

The specifications for the \_\_\_\_\_ substrate must comply with applicable standards. Before beginning the installation, the installer will need to verify suitability and ensure compliance with the requirements listed below:

- compactness
- coplanarity (on 2 m span, for adhesives of thickness >5 mm deflections of about 2 mm are permissible, for adhesives of ≤5 mm deflections of no more than 1.5 mm)
- ageing
- cleaning of surfaces (no dusts, oils, fats or dirty).

Sintered stone slabs must meet the following specifications:

Dimensions: 1.540x3.440 mm (EN 14617-16)

Density: 2,400 kg/m<sup>3</sup> (EN 14617-1)

Elastic modulus (E): 60 GPa (EN 14617-2)

Flexural strength ( $\sigma_k$ ): 42 MPa (EN 14617-2)

Linear thermal expansion coefficient:  $6.3 \times 10^{-6} \text{ }^\circ\text{C}^{-1}$  (EN 14617-11)

Reaction to fire: A1 (EN 13501-1)

Water absorption: <0.1%

The following are to be considered included in the price:

- fees and the preparation of the substrate
- the provision and application of the adhesive
- the shaping of elastic expansion joints, forming squares where the ratio of the sides is no greater than 1.5 and with an area of no more than 25.00 m<sup>2</sup> and the sealing of these with a specific elastic sealant
- any profiles in perforated brass for the separation of diverse floorings
- the sealing of joints with the colour selected by Construction Management
- the subsequent cleaning of the surface with suitable detergents and later rinsing
- the cutting, scrap removal, cleaning and removal of waste material at the end of the work, the separate collection of waste material, the final transportation and consignment to the waste dump
- anything else necessary for a thoroughly complete, state-of-the-art job.

#### **Lapitec S.p.A.**

Via Bassanese 6 - 31050 Veduggio (Treviso) - Italy

tel.: +39 0423 703811 - fax : +39 0423 709540

info@lapitec.com - www.lapitec.com

C.F.-P-iva IT04453430268 - r.e.a. di TV 351174 - reg.imp. di TV - Cap.soc. i.v. € 250.000,00

Società soggetta all'attività di direzione e controllo della Breton S.p.A.