

## FLEXOLITH / TDS

### PRODUCT DEFINITION

It is a flexible wall coating brick based on calcium carbonate and styrene acrylic copolymer, which can be produced in different patterns, colours and geometries. The entire production process is carried out in Çorlu facilities of Sena Yapı.

### INTENDED USE

Flexolith is used as a complementary product on the inner and outer walls of buildings.

### PRODUCT ADVANTAGES

- Lightweight, approximately 3.5- 4.5 kg/m<sup>2</sup>.
- It is approximately 3 mm thick.
- After the application, it also does not require grouting. Grout colour = adhesive colour.
- Adhesive consumption is approximately 2.5-3 kg/m<sup>2</sup> depending on the surface and application method.
- No loss occurs due to breakage and it can be easily cut in desired sizes using scissors.
- It is shock resistant and can be painted using (steam permeable) wall paint.
- It is in the nature of water repellent, steam-permeable and unfading. The coating bricks become rigid following the application.
- It is ideal for use in renovation projects in conjunction with insulation systems on the exterior façades of buildings.
- It is easily applicable.
- Temperature resistance can be applicable between -40°C and 100°C.
- It is flexible and can be used in a rounded corner or curve.
- Non-flammability class is B.

### QUALITY CERTIFICATE G

### APPLICATION PROCEDURE

#### Surface Preparation

- Application surfaces should be clean, sound, dry and dust-free as well as oil, dirt or anti-adhesion materials should be cleaned from the surface, and mortar, cement residues etc. should be scraped.
- Old plasters, swellings, cracks should be scraped and repaired on the façade of the building.
- Flexolith lining should be used when application will be made on surfaces that have high absorbency and are cement-bound.

#### Application Methods

- Apply Flexolith lining to the prepared surface as above and leave to dry for 24 hours.
- Apply the special adhesive ready for use vertically using a serrated spatula. Apply as quickly as possible (mortar starts to dry within approximately 10 minutes). Air temperature, wind and solar can reduce drying time.
- Press the flexible bricks vigorously on the adhesive in the desired order. Make sure the rear surface of the brick is well adhered. Application should be made from the top-down in order to prevent contamination of the previously- bonded bricks. Recommended grout width is 10-15 mm.
- By installing the line with rope, it can be easily controlled by using a water scale or laser to control the alignment is straight.
- Immediately after the application is finished, the grouts should be smoothed with a damp brush before the adhesive dries. During this process, it should be ensured that the adhesive thoroughly covers the side surface of the brick . Thus, the possibility of moisture penetrating behind the brick should be eliminated.
- If there is adhesive contaminated around, it should be cleaned with water before drying.



- After the application is finished, ensure protection against all types of rainfall for at least 3 days.
- Factors such as high humidity, temperature and wind can affect drying time.
- It should not be applied on surfaces that have frost hazard, are frozen or defrosting within 24 hours.
- Call our technical support line for different surface applications. (TEL: 0212 876 93 95)

#### **STORAGE CONDITIONS**

Flexolith and its special adhesive should be stored and transported in a dry and non-freezing environment.

#### **SAFETY RECOMMENDATIONS**

Please apply to the Material Safety Data Sheet (MSDS) so that the product can be applied easily and safely.

#### **IMPORTANT**

- Use the flexible bricks in different boxes together to achieve the desired pattern and shading.
- Since natural raw materials are used, colour and tone differences may be possible. These properties should be checked before use, as it is not possible to file complaints for applied products.
- Do not apply at temperatures below +5 °C.
- The quality of our products is under our warranty. If you do not trust a particular surface, you need to make sure the surface is suitable. We cannot accept responsibility for the consequences of using an inappropriate surface.

For further information, please visit our web site