

SPS Envirowall Ltd

Technical Data Sheet



ISO No. 5809
Trade Name: Elastolith
Adhesive Mortar

Version 1
Product Name: Acrylic Brick Slip
Adhesive

Date prepared: July 2022
Product Code: ESPS/SLIP/ADHESIVE/**

Description

Elastolith Adhesive Mortar is a high-quality, organically bonded adhesive that is made from mineral raw materials. The adhesive has been developed for laying Elastolith brick slips. They can be used on various surfaces in many ways. Perfect processing characteristics – and grouting later on is no longer required.

Product Properties

Elastolith Adhesive Mortar is only suitable for laying Elastolith brick slips. The colour of the adhesive is also the grouting colour. There is a wide range of colours, it can be processed quickly and simply, it can be painted over, and it is vapour permeable and colourfast. The adhesive hardens after processing and forms a single layer with the brick slip. Slight differences in colour can occur as natural raw materials are used.

Application

Can be used on interior and exterior walls. Sequence: apply the adhesive, press the brick slips evenly into the adhesive and smooth the joints using a damp, clean brush. If necessary, the surface should be cleaned and/or pretreated.

Surfaces

Elastolith Adhesive Mortar is a ready-to-use dispersion adhesive. The adhesive can be used on any firm, clean and dry surface that is able to take the load, free of stresses and slightly absorbent. Using a layer to promote adhesion (a primer) may be required in some cases. Highly absorbent surfaces must be pre-treated with a absorbency-regulating primer. Dirty or contaminated surfaces must be cleaned and /or treated. If you have any doubts, ask for advice.

Technical Data

Binding Agent:	Water-based polymer dispersion
Pigments:	Liquid UV-resistant pigments based on natural materials.
Filler:	Various types of quartz sand
Form:	Paste
Density:	±1.70 g/cm ³
pH:	at 20°C: 8.0 to 9.0
Dyn. Viscosity:	at 20°C: 1,900 mPa-s
Temperature:	The minimum surface and air temperature is +5°C, both when applying the adhesive layer and during curing of the adhesive layer.
Storage:	Must be kept free of frost during storage and transport
Consumption:	2.5 to 3.5 kg/m ² depending on the surface and working method
Adhesive Colour:	white / sand grey / light grey / cement grey / grey / anthracite / brown
Packaging:	5, 15 or 20 kg tubs
Safety:	See Elastolith Adhesive Mortar safety sheet

Tools and cleaning

Measuring tools, a spirit level, masonry cord/marketing cord/laser instrument (for setting out the layers), trowel, toothed trowel (4x4, 4x6 or 6x6 mm), scissors and a flat brush (10, 12 or 14 mm wide) for laying the brick slips and smoothing the grouting. Tools must be cleaned with lukewarm water immediately after use, before the adhesive has hardened.

Processing

Elastolith Adhesive Mortar is applied vertically using a toothed trowel: layer thickness approx. 1.5 to 2.0 mm. Depending on the circumstances (temperature, air humidity, etc.), it should not be applied to large surfaces in order to prevent film formation on the adhesive layer. The brick slip is pressed into the wet adhesive with a slight sliding movement. The brick slip must be fully embedded in the adhesive. This can be checked by removing a tiling strip from the facade and checking that the back of the brick slip is fully covered with adhesive. The adhesive at the joints should be smoothed off with a slightly damp brush immediately after processing. The head (outer) joints are smoothed first, after which the bed (inner) joints are smoothed with a long stroke. Make sure that sufficient adhesive is in contact with the sides of the brick slip so that water cannot get behind it. When used outside, the brick slips must be protected against wind and rain for at least 3 days after laying (the time required depends on the temperature and air humidity).

Notes

If the material is kept in the original closed package, its shelf life is at least 18 months if stored under cool and frost-free conditions. The expiry date is stated on the package. If the packages have been opened, they must be closed well after use; their shelf life will be limited. We can prescribe the correct way to use our products successfully, but we cannot check what is done. We can therefore only guarantee the quality of our products while they are covered by our terms and conditions of sale and delivery; we do not guarantee the way that the products are processed. If you have any doubts about a given surface, we recommend that you do a few tests first in order to prevent (future) problems for which we cannot accept any liability. This data sheet supersedes all previous data sheets. We reserve the right to make any changes that are the result of technical progress.

DISCLAIMER OF LIABILITY

The information supplied in this Technical Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process.

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PLASTIC TUBS, LIDS AND METAL WIRE HANDLES ARE FULLY RECYCLABLE.