

StrataPrime Bonding Agent

Activator for priming difficult surfaces such as Metal, PVC, EPDM & GRP

Product overview

StrataPrime Bonding Agent has been specially formulated to help improve adhesion on difficult substrates such as metals and non-porous ceramics. It achieves this by forming a chemical link between the substrate and the waterproofing coating on top, although the product itself does not offer any film formation or mechanical properties.

Features & benefits

- Enhances adhesion on difficult substrates
- Easy to apply
- Single component product

Substrate and environmental conditions

In order to ensure good adhesion, the substrate must be cohesive and compact, clean, dry, with no dust, laitance or loose material. If previous blisters are detected, they must be repaired before application.

The substrate temperature should be between 0°C and 30°C. Higher temperatures may give rise to bubble formation under the coating surface, or an uneven film due to the fast solvent evaporation.

Application guidelines

StrataShield Bonding Agent does not need to be stirred. Do not add any other product and do not add StrataShield Bonding Agent to other products.

Apply by brush or roller at a coverage rate of approximately 50 to 100 g/m². Sprayers are also allowed. It is recommended to scratch the surface slightly, creating some friction if possible, before applying the StrataShield Bonding Agent. Recoating is not necessary.

Application of the subsequent polyurethane waterproofing product can be carried out one hour after the application of StrataShield Bonding Agent, and up to 4 hours afterwards.

Curing time

Solvent evaporation takes place in approximately 30 minutes, depending on the local conditions.

Tool cleaning

Tools can be cleaned with a recommended solvent cleaner. Please contact Strata Technical Services for further guidance.

Technical characteristics

Properties	Unit / Description
Chemical description	Adhesion promoter additive solution
Physical state	Liquid
Packaging	Metal container: 4 kg, 20 kg
Non-volatile content	1%
Flash point (ASTM D 93)	12°C
Colour	Slightly yellow / colourless
Density (25°C)	0.78 g/cm ³
VOC content	860 g/l
Storage	Keep at a temperature between 10°C and 30°C, away from heat and moisture
Use before	Up to 9 months after manufacture date (in original sealed container)

Health and safety

StrataPrime Bonding Agent contains flammable solvents. Take all necessary precautions during handling and transport. Consult the MSDS for more detailed information.

Environmental considerations

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorized waste manager.

Trouble shooting

Problem	Observation / Solution
No film is formed	This is normal. There is only a microscopic additive layer on the surface. Make sure there are no areas left unprimed.
Have I used too much product?	Do not apply an excessive amount of product, otherwise, the additive begins to be visible as a haziness or small drops on the surface. This excess does not improve adhesion properties. Remove & homogenise.
What surfaces can the product be used on?	The product should be used on all surfaces where some doubts exist with respect to the adhesion of single component polyurethane composition. These are usually very smooth surfaces such as ceramic tiles and metals.
What products is this primer compatible with?	It is compatible with StrataShield single-component PU products & sprayed systems such as StrataShield FC Sealer Coat.