BUILDING TRUST

PRODUCT DATA SHEET

Sikalastic® P 691

(formerly MSeal P 691)

A single component, solvent-based primer, moisture curing, for use below and on membranes

PRODUCT DESCRIPTION

Sikalastic® P 691 is a single component, moisture curing polyurethane primer. It contains solvents.

USES

Sikalastic® P 691 is designed for use as an adhesion promoting primer on membranes. Its uses include the application of a new membrane to an aged membrane e.g. in repair applications. It can also be used on aged membranes when renewing or repairing the UV protective top coat. Sikalastic® P 691 can also be used as a primer on sand broadcast epoxy primers prior to the application of a spray applied membrane in applications where the membrane is permanently exposed to water.

CHARACTERISTICS / ADVANTAGES

- Excellent adhesion to aged membranes especially in applications where the membrane is permanently exposed to water
- Rapid cure
- Long re-coating interval
- Low viscosity
- Low consumption
- Easy to apply

PRODUCT INFORMATION

Chemical Base	PU
Packaging	Sikalastic® P 691 is supplied in 19.5kg cans
Colour	Sikalastic® P 691 is available in clear.
Shelf Life	12 months from date of production
Storage Conditions	Store in original containers, under dry conditions and a temperature between 15-25°C. Do not expose to direct sunlight.
Density	1.03 g/cm³
Viscosity	110 mPas

APPLICATION INFORMATION

Consumption	The consumption of Sikalastic® P 691 is between 0.05 and 0.1 kg/m² depending on the condition and porosity of the substrate. The above consumption figures are intended as a guide only and may be higher on very rough or porous substrates.	
Ambient Air Temperature	+5 °C min. / +30 °C max.	
Relative Air Humidity	40% min. / 90% max.	
Substrate Temperature	+5 °C min. / +30 °C max.	
Waiting Time / Overcoating	min. 1h / max. 24h	at 23°C, 50% r.h.
	min. 2h / max. 36h	at 10°C, 60% r.h.

VALUE BASE

All technical data stated in this Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

ECOLOGY, HEALTH AND SAFETY

Local safety regulations must be observed and it advisable to wear PPI when working with this product with particular attention paid to cutting and handling. Transportation Class: The product is not classified as hazardous good for transport. Disposal: The material is recyclable. Disposal must be according to local regulations. Please contact your local Sika sales organisation for more information.

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

The surface to which Sikalastic® P 691 is to be applied must be clean and dry and free from oil and grease and any other substance which may impair The temperature of the substrate must be at least 3K above the dew point.

APPLICATION

Sikalastic® P 691 is a single component material. Prior to application, it should be conditioned to a temperature of 15°C to 25°C. Pour the amount required from the original container and apply by spreading with a squeegee followed by back rolling. It is important to apply Sikalastic® P 691 thinly and to avoid ponding. The curing time of the material is influenced by the humidity and the ambient and substrate temperatures. At low humidity and low temperatures, the chemical reaction is slowed down; this lengthens the curing time and the recoating intervals. At high humidity and high temperatures the chemical reaction is accelerated thus the time frames mentioned above are shortened accordingly. If the maximum re-coating times are exceeded, Sikalastic® P 691 should be re-applied. Following application, the material should be protected from direct contact with water which will impair adhesion to the subsequent coat. Ensure that the solvent contained in the material is allowed to flash off completely before applying the subsequent coat. The temperature of the substrate must be at least 3K above the dew point both during the application and for at least 4 hours after the application (at 15°C).

CLEANING OF TOOLS

Re-useable tools should be cleaned carefully with a suitable thinner (Xylene / MEK / Acetone).

LOCAL RESTRICTIONS

Note that as a result of specific local regulations the declared data and recommended uses for this product may vary from country to country. Consult the local Product Data Sheet for the exact product data and uses.

LEGAL NOTES

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with Sika's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product’s suitability for the intended application and purpose. Sika reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

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