



DuroFlex®Primer 900-P1

Primer for membranes DuroFlex® and Silox®

DuroFlex®Primer 900-P1 is a bonding agent for DuroFlex® and Silox® liquid membranes.

As with all coatings, the correct substrate preparation is crucial.

It is recommended that new, smooth concrete or plaster surfaces be primed with a bonding agent. Surfaces other than concrete require adjusted primer types. Compare other types of DuroFlex Primer P2 - P4.

For silage containers and similar demanding applications we recommend DuroFlex Primer 900-P4.

Always prime highly absorbent substrates to prevent the coating from burning on.

The substrate must be load-bearing, clean and free from all separating substances. In the case of concrete blowholes, air voids in the surface, cracks over 0.1 mm wide, breakouts, etc. must be eliminated. UP®-Steinspachtel 1013 and Silox 860 D are particularly suitable [and very easy to apply] for this work.

Masonry surfaces must be clean and fully jointed, or they must be (more safely) either plastered smooth* or covered with an elastic sealing slurry*.

* Cement plaster of mortar group III, expediently treated with Cembond®956

* Cembond®M-947 Flex (highly elastic organo-mineral sealing slurries)

DuroFlex®Primer 900-P1 must not be used at temperatures below 7°C , in rain or extremely high humidity.

Intermediate coats must be thoroughly dried before the top coat is applied, so that tensions do not cause drying cracks in the surface of the coating.

Properties

Product data

Binder	Copolymer
Density	Approx. 1,0 gr/ml at 20° C
Odour	Weak, specific for butadiene rubber
pH	Approx. 9,5
Colour	Light grey*
Solvent content	Not applicable
Consumption *	0,1 - 0,5 kg /m²

* - all other colours as special colour, available from 500 kg

* - Theoretical consumption, on smooth, slightly absorbent surfaces, without spray losses

**Storage
Handling
Disposal**

DuroFlex®Primer 900-P1 is sensitive to frost and must therefore not be stored or transported at temperatures of $\leq 0^{\circ}$ C. DuroFlex®Primer 900-P1 does not pose any risk, but the product should be stored in such a way that it is not accessible to children and third parties.

Opened containers must be tightly closed again immediately after use and used up immediately.

DuroFlex®Primer 900-P1 is miscible with water when fresh, so tools can be cleaned simply by rinsing with water and fresh dirt removed by washing with plenty of water. Bonded DuroFlex®Primer 900-P1 is chemically very resistant and therefore difficult to remove.

Liquid product residues are hazardous waste. However, they can be reacted out, rendered harmless and disposed of like building rubble simply by mixing them with sand and cement.

Recommended auxiliaries and additives :

UP®-Steinspachtel 1013

Filler, adhesive and repair compound with fast curing.

Silox®860 D

High-quality and stable repair and filling compound, made of water-emulsified 2-component epoxy resin and hydraulically setting fillers. With excellent adhesion, even on damp concrete. Recommended for reprofiling and restoration of damaged concrete surfaces.

Cembond®M-947 Flex

Highly flexible, mineral surface sealing. Can be used as a slurry coat or thin-layer filler, for substrate preparation in masonry walls.

DuroFlex®900 M

Flexible liquid membrane, for damp rooms, bathrooms, sealing of balconies and terraces. (under tiles or a covering)

Silox®901-MX

Flexible liquid membrane, for higher strains such as biogas plants

Silox®903-DF

Flexible liquid membrane, for roof waterproofing, even on old roofing films in combination with DuroFlex Primer-P3.

These technical information describe the present-day state of knowledge these product. They should only inform about the possibilities of application and could not release the applicator of his commitment to check the possibility to use the product for the required application. Information for processing can be found in processing instructions of our product. Information about safe handling can be found in our current safety data sheet.

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