

PRIMER VIADUCTS

54% bituminous primer with pure solvents and elastomers

Description

Quick drying solvent based elastomer bituminous primer, suitable to prepare the surfaces for both hot flame application of standard b.p. membranes and cold application of self-adhesive b.p. membranes, as once dried this product has a better elasticity and adhesion to the concrete support, compared to common bituminous primer. Thanks to its formulation, it also grants a better adhesion on wet surfaces.

Fields of application

PRIMER VIADUCTS is used as a primer on concrete viaducts and bridges, giving an excellent anchorage for warm application of liquid elastomeric polymer-bitumen membranes containing SBS resins. It allows an excellent adhesion also of self-adhesive b.p. membranes. It is employed to prepare of wood and metal surfaces, old blankets and as waterproofing coating on concrete walls.

Chemical composition

Bituminous primer made of blown bitumen, elastomeric resins, quick drying pure solvents.

Use

It is very important that the concrete surfaces to be treated are as dry as possible, clean and free from oils and chalking powders. PRIMER VIADUCTS is ready to use, to be applied by brush, broom, roll or spray. In polymer-bitumen membranes hot flame application, is highly recommended to use the product only if concrete surfaces are perfectly dry; alternatively a bituminous primer specific for wet surfaces is suggested.

The drying time depends on the concrete's porosity, on film thickness and on both surface and environmental temperatures. The film usually dries within 1 hour from application; should the primer thickness be very high, the temperature be rigorous or substructure be not much absorbent, this time could be longer, up to 2-4 hours. The approximately consumption of the product is 200 - 350 g/m². To clean the tools use a common synthetic or nitrous diluents.

1) roller application



2) brush application



3) application by airless spray



Packaging

	Pail size
Primer Viaducts	20 l.

Technical data

General Features	Norm	Values
Aspect		Liquid
Colour		Black
Shelf life in closed original container		24 months
Closed-cup flash point		> 23°C
Solid Content at 130°C	EN ISO 3251	51% - 57%
Din 4 viscosity at 20°C	EN ISO 2431	19" - 25"
Oxidized bitumen Frass crack point		- 12°C
Dow Penetration of Bitumen at 25°C		15/20 dmm
Specific weight at 20°C	EN ISO 2811-1	0,95 kg/l ± 0,04
Drying time (dry dust free)		30' - 60'
Drying time (dry-to-touch)		100' - 140'
Bitumen softening temperature P.A.		85° - 95°C
Self-inflammability		245°C
pH at 20°C		Neutro
Boiling range		80° - 190°C
Surface temperature for ideal use		> 0°C

We reserve the rights to change or modify the nominal values without prior notice or advice.