



POLYSINT

It is a liquid waterproofing elastomeric protective water-based membrane made of acrylic copolymers which offers to all surfaces a protection against damages caused by the atmospheric agents.



Guaranteed Quality
UNI ISO 9001 and UNI ISO 14001



Polyglass is a member of
Green Building Council



Adds value!

TECHNICAL DESCRIPTION

It is a liquid waterproofing elastomeric protective water based membrane made of acrylic copolymers. POLYSINT reduces concrete carbonatation. After drying it forms a flexible and strong film which adheres perfectly to the surface on which it has been applied. It is resistant to the atmospheric agents and to possible small cracks on the support.

WHERE TO APPLY IT

It is applied for waterproofing concrete roofs. It is recommended for the protection of concrete supports with a slope greater than 3% (avoid ponding water on the surface). It is recommended for renovate, repair and protect surfaces waterproofed with old bituminous membranes with minerals. Before the application, check the adherence of the product which depends on the membrane ageing.

HOW TO APPLY IT

POLYSINT can be either sprayed or applied by means of roller or brush on dry and clean, surfaces, free from oil. Moreover, all the surfaces must have a slope greater than 3% in order to avoid ponding water on the surface.

The product is usually applied in two coats: the first shall be diluted with water according to the type and the porosity of the support. The second coat will be applied on average 24 hours from the first one but without any dilution and in every case after the complete drying of the first coat.

The application of two coats of POLYSINT (with about 2 kg of product) produces 1 mm of thick dry film.

It is suggested to avoid POLYSINT application on bituminous membranes that have been just applied because of the oils contained in the compound could not guarantee the perfect adhesion of the product. It is recommended to wait at least for 30/60 days and then, if necessary, wash the surfaces with water. The product can be diluted with water but only the first coat.

Apply POLYSINT with temperatures above 5 °C and in any case not with imminent rain or with frost.

TECHNICAL CHARACTERISTICS

APPEARANCE	Fluid Tixotropic Paste	ELONGATION AT BREAK	550%
COLOUR	White, Grey, Red and Green	CONSUMPTION ON CONCRETE	About 1,5 - 2 kg/m ²
SPECIFIC WEIGHT AT 20 °C	1,42 - 1,47 kg/l	CONSUMPTION ON BITUMINOUS MEMBRANE	About 200 - 400 gr/m ²
DRY SOLID CONTENTS AT 130 °C	65% - 70%	BROOKFIELD VISCOSITY DIN 4 AT 20 °C	23.000 - 25.000 cps
APPEARANCE AFTER THE APPLICATION	Matt	SHELF LIFE IN THE ORIGINAL BUCKETS	12 months
DRYING TIMES	300 microns 4 hours 1 mm 2 days	APPLICATION TEMPERATURE	+5 °C / +35 °C

PACKAGING, STOCKING AND TOOL CLEANING

PACKAGING	Bucket of 5 and 20 kg
SHELF LIFE	The product is stocked in closed buckets in dry area, far from UV rays for 12 months. Stock the material at a minimum temperature of 5 °C. It fears frost
TOOL CLEANING	After use clean tools with common solvents



SAFETY NORMS

See safety data

The figures, information and suggestions result from the experience of POLYGLASS S.p.A. However, POLYGLASS S.p.A. has no responsibility for the final results obtained by using them or for the breach of possible patents or rights of third parties. For any further information, please contact our technical office.

POLYGLASS S.p.A. reserves the right, without notice, to modify the technical card according to the necessity to improve the product



Adds value!

POLYGLASS SPA

Registered Office - Viale Jenner, 4 - 20159 MILANO

Head Office - Via dell'Artigianato, 34 - 31047 Ponte di Piave (TV) - Italy - Tel. +39 04227547 - Fax +39 0422854118

www.polyglass.com - info@polyglass.it