

Derमारubber

MISSION	Solvent-based elastomer liquid waterproofing root-stop
CHARACTERISTICS	Derमारubber S/P is a liquid membrane consisting of elastomised bitumen in solution with special macro-molecules that make the product dry, waterproof and particularly elastic. When a root-stop product is added, Derमारubber S/P is impenetrable to roots thus making it the ideal waterproofing for window boxes, hanging gardens and retaining walls. The product is used to waterproof horizontal, vertical, top or under-ground cement surfaces, and (with appropriate protection) surfaces with structures such as flues, skylights or gutters (cement or metal), as well as areas where open flames cannot be used or to restore the waterproofing properties of damaged bituminous waterproofing. The product should be protected against ultraviolet radiation, when it is surface mounted with one or two coats of Reflex, Reflex AR. Otherwise, Derमारubber S/P may be sprinkled fresh layer after layer with slate chips.
PRIMER	Recommended primer Derमारprimer or Idroprimer.
APPEARANCE	Black medium-viscosity liquid

CHARACTERISTICS OF THE LIQUID PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Specific weight	1,01	± 0,05	Kg/dm ³
Dry residue	62	± 1	%
Viscosity at 23°C (with Brookfield viscosimeter, rotor n. 4 speed 5).	800	± 100	mPa.s

LAYING INSTRUCTIONS

TOOLS	THINNING	TYPE OF THINNER	TOOL CLEANING
Brush Roller Spray	Ready-to-use as Waterproofing approx. 20% when applied by spray gun approx. 30% when applied as primer	DIL S1	DIL S1

LAYING SURFACE	Ensure that the deck is clean and dry removing all traces of dirt, grease and loose parts, if necessary, repair excessive roughness and ensure sufficient slope to ensure rainwater runoff.
CONSUMPTION	Approx. 1 - 1.5 Kg/sqm applied in two coatings.
APPLICATION INSTRUCTIONS	Environmental and deck temperature limit during application: MIN 5°C - MAX 40°C. Product may be applied on surfaces subject to water pooling.

Dermarubber

DRYING AT 23°C AND 50% U.R.

On surface: 1 h

To touch: 3 h

Interval between coatings: 24 h

The times shown are intended for standard laboratory conditions. Drying times are strongly affected by weather conditions; high temperatures and direct sunlight reduce the drying times; areas in shadow, low temperatures and high humidity increase the drying times. In winter the product should be laid in the middle of the day when it is warmer. Ensure that the previous layer has dried properly before applying the next layer.

CHARACTERISTICS OF THE DRY PRODUCT

CHARACTERISTICS	VALUE	TOLERANCE	U.M.
Breaking load	0.64	± 0.1	N/mm ²
Elongation at break	62	± 1	%
Flexibility at low temperatures	-30	± 5	°C
Flexibility at low temperatures after UV ageing	-30	± 5	°C
Flexibility at low temperatures after thermal ageing	-30	± 5	°C

PACKAGING INSTRUCTIONS	COLOURS AVAILABLE Black	PACKAGING 5 – 10 – 20 Kg
STORAGE INSTRUCTIONS	STORAGE TEMPERATURE MIN -5°C – MAX 40°C	STABILITY IN THE ORIGINAL PACKAGE 24 months
SAFETY STANDARDS	Please read the safety data sheet carefully before using this product.	

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Products used to protect concrete decks

Dermarubber S/P

Solvent-based modified bitumen based one-component liquid waterproofing used to protect concrete against penetration; humidity control and improved resistivity

Liquid water permeability	< 0.1 Kg/sq.m. h ^{0.5}
Permeability to carbon dioxide	sd > 50 m
Adhesion to standard traction	> 0.8 MPa
Permeability to water vapour	Class II
Crack bridging ability	Class A5
Freeze-thaw cycles with immersion in thawing salt	no alteration
Hazardous substances:	See SDS