SEAL UP®
Hydrostop Elastic White

TECHNICAL SHEET

DESCRIPTION
Single-component superelastic sealant without solvents for sealing and waterproofing horizontal and vertical surfaces.

PROPERTIES
- Sealant with low viscosity and excellent workability. Can be applied in only two coats. Superelastic.
- Good adhesion to many surfaces, such as concrete, cement screed, ceramic wood, tile, metal, plastic, PVC, fiberglass, etc.
- Can be applied on old surfaces and also on wet surfaces, but not in the presence of standing water.
- Can be used without primer.
- Contains no solvents or isocyanates.
- Resistant to rain as early as 2 hours after application (at 23°C and 50% relative humidity).
- Resistant to a broad spectrum of chemicals, UV rays and weathering.
- Can be applied at temperatures between +5°C and +40°C.
- Can be applied to vertical surfaces.
- It has a short curing time and the surface is non-adhesive after curing.
- It can be painted.

APPLICATION AREAS
- For sealing grooves, pipe cuffs, windows and domes, edges around chimneys, etc.
- To seal various leaks, cracks on roofs and walls, campers and caravans, boats, etc.
- For waterproofing exterior and interior joints.
- For protecting wooden constructions.

APPLICATION
- The surface should be solid and free of dirt (dust, grease).
- Remove any insubstantial parts.
- It is recommended to perform an adhesion test before use.
- Mix the liquid sheathing before use.
- Apply by brush or roller in two coats to a total thickness of about 2 mm. The second layer can be applied on top of the first only after it has completely cured (after about 3 hours). After about 12 hours, the surface should be dry and ready for further work.
- Temperature and decreasing air humidity can significantly affect the curing speed of the liquid sheathing.
- In order to improve the mechanical properties of the cured sheathing, it is recommended to lay TNT (felt quality 120 g/m2) over the first layer of uncured liquid sheathing beforehand, and immediately afterwards, reapply it over the TNT layer. For laying the TNT over larger areas, it is recommended to cover the TNT layers with each other by at least 3-5 cm.
- Tools and uncured sealant can be cleaned with Resolv cleaner or alcohol. Cured sheathing can be removed mechanically.
- Yield: about 1.4 kg/m2 (for a layer of about 1 mm) - 2 kg/m2 (for a layer of about 2 mm with felt).

TESTS AND CERTIFICATES
EN 1504-2: 2004 Concrete surface protection system.
CE mark.

CONSERVATION
Store in the original packaging cool and out of direct sunlight, at a temperature between 5°C and 25°C.
Beyond the storage period, the sealant can still be used. At the time of application, its properties should be checked for the desired use.

HEADQUARTERS
Resolv SA
6900 Lugano-Switzerland
info@resolv.swiss

TECHNICAL SHEET

TECHNICAL PROPERTIES

Uncured Sealant

Base		Hybrid polymer
Appearance		Guaina liquida a bassa viscosità
Color		White
Curing process		With humidity
Skin formation time	23°C/50% relative humidity	20-40 min
Curing time	23°C/50% relative humidity	3 h (1 mm layer)
Specific weight		1,4 - 1,5 g/cm3
Application temperature		from +5°C to +40°C

Cured Sealant

Hardness Shore A	ISO 868 25-30	
Volume change	ISO 10563	< 3%
Elongation at break	ISO 37 part 1	280-380%
Tensile strength	ISO 37 part 1	1,0-1,2 N/mm2
Tensile strength	(100%) ISO 37 part 1	0,6-0,7 N/mm2
Waterproofness	DIN 1048 waterproof	
Treading	P2 (constant)	
Temperature resistance		from -40°C to +80°C

COHESION AND ADHESION PROPERTIES

Material	Hydrostop Elastic
Steel	5K
Copper	5K
Painted steel	5K
PVC	3A
Polycarbonate	5K
Wood	5K
Glass	5K
Polyester	2A
Ceramics	5K
Aluminium	5K
Concrete	5K
Bitumen (aged)	1A
Styrofoam	3A
ABS	5K

Legend
K Cohesion
A Adhesion
1 Poor
5 Excellent

PACKAGING

Code	933
Format	0.7 kg dose
Box	6 pieces
Pallet	180 boxes
Shel-life	18 months

HEADQUARTERS
Resolv SA
6900 Lugano-Switzerland
info@resolv.swiss