

TYTAN PROFESSIONAL X-Treme Fibre Sealant 280 ml transparent



10023282

Colourless sealant designed for immediate repair and sealing of roofs, pipes, gutters, terraces, chimneys, etc. Thanks to its reinforcement with elastic polymer fibres it demonstrates exceptional tightness, adhesion to the substrate and flexibility. X-Treme sealant is particularly suitable for use in the toughest conditions, i.e. in stagnant water, during rain and snowfall or in negative temperatures (down to -10°C).



BENEFITS

- Application in sub-zero temperatures (-10°C)
- Application in rain and under water
- Superior flexibility (450%)
- High resistance to ageing

RECOMMENDED USES

- bonding of various elements to wood, glass, concrete, metal and plastic substrates
- sealing sheet metal and gutters
- sealing cracks and gaps in masonry, roofs, glass

TECHNICAL DATA

Uncured - tested at 23°C and 50% relative humidity	Value
Density (ISO 2811-1) [g/ml]	0,88 - 0,92
Flow from vertical surfaces [$+50^{\circ}\text{C}$] (ISO 7390) [mm]	10
Run-off from vertical surfaces [mm]	3
Skin formation time (ASTM D 1640) [min]	30 - 40
Cure Rate (ASTM D 1640) [mm/24h]	0,5 - 1,5
Cured - tested after 2 weeks at 23°C and 50% relative humidity	Value

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Selena FM S.A.

ul. Legnicka 48A, 54-202 Wrocław, Poland

tel. +48 71 78 38 290, e-mail: office@selena.com, www.selena.com



Module at 100% elongation (ISO 37) [MPa]	0,30 - 0,45
Shore A hardness (ISO 868)	25
Volume change (ISO 10563) [%]	35
Cured - tested after 2 weeks at 23°C and 50% RH, after conditioning in a 50°C UV chamber	Value
Module at 100% elongation after 2 weeks conditioned at the UV chamber (ISO 37) [MPa]	1,00 - 1,5
Cured - tested after 2 weeks at 23°C and 50% RH, after conditioning under water for 7 days	Value
Module at 100% elongation after 7 days soaking in water (ISO 37) [MPa]	0,35 - 0,50
Colour	Value
White	RAL 9003
Transparent	RAL 0000
Black	RAL 9005
Brown	RAL 8011
Grey	RAL 7046
Red	+
Brick	RAL 8012
Chemical resistance	Value
Chemical resistances water	+
Chemical resistances pool water	+
Chemical resistances salt water	+
Chemical resistances diluted organic and inorganic acids	+
Chemical resistances diluted hydroxides	-
Chemical resistance mineral oil [ASTM F 925-13]	-
Chemical resistances petrol	-
Chemical resistance cyclohexane [ASTM F 925-13]	+
Toluene chemical resistance [ASTM F 925-13]	-
Chemical resistance alcohol 70% [ASTM F 925-13]	-
Adhesion to surface ASTM 903N/m	Value
Adhesion to galvanized sheet steel [ASTM D903] [N/m]	2100

Coated sheet (adhesion on surface, ASTM D903) [N/m]	2200
Adhesion to PVC [ASTM 903] [N/m] [N/m]	2000
Adhesion to EPDM [ASTM D903] [N/m]	300
Pap (Adhesion to Surfaces, ASTM D903) [N/m]	1600
Conditions of application	Value
Surface temperature [°C]	5 - 50
Container temperature [°C]	5 - 25
Application temperature [°C]	-10 - 40
Temperature resistance [°C]	-20 - 90

METHOD OF USE

Prior to application, read safety instruction presented in MSDS.

Surface preparation

- Bonding surfaces must be clean (not frosted) free of dust, rust, old loose old material oil, grease, paint and other dirt which reduces the adhesion of the sealant.
- To avoid dirtiness around the gap and to maintain equal line use adhesive tapes which should be removed immediately after finishing sealing.

Product preparation

- Prior to application, the product should be conditioned at room temperature.

Application

- Cut off the top of the threaded adapter. Screw the nozzle tip on and cut off at a 45° angle, with the diameter equal to the gap width.
- Cut off the top of the foil. Screw the nozzle tip on and cut off at a 45° angle, with the diameter equal to the gap width.
- Squeeze sealant by mechanical or pneumatic gun.
- Treatment make at the time of workability given in the technical data table.
- Applied sealant should be smoothed immediately with a spatula soaked in water for best result.
- Remove masking tape before skin will form.
- Joint should be allowed to fully cure.
- After completion of work, the applicator and tool should be thoroughly cleaned.

Works after completion of application

- DO NOT WASH HANDS WITH SOLVENTS.

- Before curing, product should be removed from substrates and tools.
- After completion of work, the applicator and tool should be thoroughly cleaned.

Remarks / restriction

- It is not suitable for direct contact with food and medical uses. Sealant was not duly tested and it is not suitable for medical and pharmaceutical applications.
- Before painting it is recommended to conduct a trial test, especially in a case of solvent-based paints.
- Do not apply on PE, PP - no adhesion.
- Should not be used to polystyrene including foamed polystyrene - can damage the surface.
- If the surface is sensitive to solvents it is recommended to conduct tests in an inconspicuous area.

ADDITIONAL INFORMATION

All given parameters are based on laboratory tests compliant with internal manufacturer's standards and strongly depend on product hardening conditions (c.a., ambient, surface temperature, quality of used equipment and skills of person applying the product).

TRANSPORT / STORAGE

Warranted shelf life is 24 months from the manufacturing date when stored in unopened, original package at temperature from +5 °C to +25 °C in a dry place protected from freezing.

Product can be transported at low temperatures up to -30 °C for up to 4 weeks, before using the product should be conditioned for 24 hours at +23 °C.

Precautions should be taken when the product after thawing out is frosted again - is resistant to 5 cycles of freezing/thawing out.

Protect from direct sunlight.

After opening, close the packaging tightly and use the remaining contents as soon as possible.

Storage in temperature exceeding +30°C shortens the shelf life of the product, adversely affecting its parameters.

CATALOGUE DATA

Nominal capacity / volume / size	Colour	Number of pieces per collective package	Number of pcs. per pallet	Index	EAN Code
280 ml	transparent	12	480	10023282	5907516991752

SAFETY AND HEALTH PRECAUTIONS

For detailed information find Material Safety Data Sheet available at producer upon request.

All written or oral information, recommendations and instructions are given according to our best knowledge, tests and experience, in good faith and in compliance with manufacturer's principles. Each user of this material will make sure in every possible way, including verification of the final product in proper conditions, about suitability of the supplied materials for their intended purposes. The manufacturer is not liable for any losses incurred due to inaccurate or erroneous application of the manufacturer's materials.