



TYTAN PROFESSIONAL X-Treme Fibre Sealant

Rubber sealant with fibers is a universal sealant for wide use. Creates plasto -elastic durable flexible joint, characterized with high resistance to aging. A unique advantage of the sealant is its excellent adhesion to most substrates, both porous and nonporous, such as concrete, plaster, metal, and plastics. Unlike other sealants, it can be used on wet smooth surfaces, and therefore well suited for example to repair roofs or boat. Can be used under water. It can also be used on bituminous surfaces. It does not require primer. After curing the sealant is suitable for painting after checking the impact of paint sealant. It can be used during snow and rain.

BENEFITS

- ⇒ **excellent resistance to mildew and fungus**
- ⇒ **paintability**
- ⇒ **very good adhesion**
- ⇒ **compatibility with bituminous materials**
- ⇒ **possibility of applying to the surface completely submerged under water**

TYPICAL APPLICATIONS

- ⇒ Sealing cracks and crevices in walls, roofs, glass, etc.;
- ⇒ combining various elements of the substrates in wood, glass, concrete, metal and plastics
- ⇒ creation of connectors and seals in the boats and in all types of applications requiring resistance to permanent water
- ⇒ sealing metal plates and gutters

ADHESION SURFACE

Surface	Adhesion
Brick	+
Concrete	+
Granite	+
Sand stone	Not recommended
Marble	Not recommended
Plaster	+
Copper	N/A
Acid resistant metal sheet	+





TECHNICAL DATA SHEET

Aluminum	+
Galvanized metal sheet	+
Cast iron	N/A
Ceramic tiles	+
Glass	+
Raw wood (pine)	+
PC	+
Rigid PVC	+/-
PS	-
Tar	+
Bitumen shingles	+
Clinker tile	+

+ good adhesion

+/- partial adhesion - detachment

- weak adhesion

N/A not analyzed

Out of regard of variety of construction materials it is advised to perform adhesion tests. In case of weak adhesion we recommend primer.

CHEMICAL RESISTANCE

	Resistance
water	+ (not recommended for continuous immersion)
salted water	+ (not recommended for continuous immersion)
swimming pool water	+ (not recommended for continuous immersion)
petroil	N/A
diesel	N/A
Olive oil	N/A
diluted organic and inorganic acids	N/A
Diluted basis	N/A

+ good resistance

- weak resistance

N/A not analyzed





TECHNICAL DATA SHEET

TECHNICAL DATA

Non cured – tested in 23°C and 50% humidity	Norm	
Consistency	-	Sticky paste
Colour	-	White, Grey, Brown, Brick, Red, Transparent
Density [g/ml]	ISO 2811-1	0,93 – 0,95
Tooling time [min]	-	2 - 10
Curing time [mm/24h]	-	1 - 1,5

Cured –tested after two weeks in 23°C and 50% humidity	Norma	
Shrinkage[%]	ISO 10563	5 - 9
Modul @ [Mpa]	ISO 37	0,75 – 0,85
Elongation at break [%]	ISO 37	100 – 120
Tensile strength [Mpa]	ISO 37	0,75
Hardness of Shore	ISO 868	19-21

Water penetration	PN-B 24000	Non penetrating
Application temperature [°C]	-	-10 - +40
Thermal resistance [°C]	-	-20 - +90
Storage temperature [°C]	-	+0 - +25 *

* Product can be transported at a temperature not lower than -30 ° C, no longer than 4 weeks but before using it product has to be conditioned for 24 hours at 23 ° C. Product withstand five freeze / thaw cycles.

APPLICATION INSTRUCTION

Joined surfaces should be clean, free from dust, rust, loose pieces of the old sealant lubricants, oils and paints and other contaminants reduce the adhesion of the sealant. Sealant does not require a primer on most substrates, but in specific areas may be necessary to improve the adhesion primer.

- ⇒ not be used for polystyrene in the polystyrene - can damage the surface
- ⇒ for surfaces sensitive to solvents, it is recommended to conduct tests in an inconspicuous spot
- ⇒ Do not use for PP, PE - no traction
- ⇒ before painting it is advisable to conduct a trial test, especially in the case of solvent paint
- ⇒ Product seal is not designed for both food and medical applications. This product has not been tested or submitted to medical and pharmaceutical tests.





TECHNICAL DATA SHEET

TRANSPORT INFORMATIONS

See MSDS

TRANSPORT AND STORAGE

Store up to 24 months in a dry place, protected from frost and heat, at the temperature below 25 ° C. Product can be transported for a period not longer than 4 weeks at a temperature not lower than -30 ° C, but the product before using it conditioned for 24 hours at 23 ° C. Product withstand five freeze / thaw cycles.

HYGIENE AND SAFETY

Uncured product can cause irritation of the skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Keep away from children.

BEFORE USAGE READ THE SAFETY CARD OR LABEL. SAFETY DATA SHEET IS AVAILABLE AT LOCAL REPRESENTATIVE OF THE COMPANY.

With the publication of this Technical Data Sheet, previous editions are no longer valid.

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