

PRODUCT DATA SHEET

TIXO SEAL

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DESCRIPTION OF THE PRODUCT

TIXO SEAL is a highly elastic mastic formulated from bitumen, chemical additives, polymers, and a non-chlorinated, non-toxic solvent.

The product is ready-to-use, cold applied, and remains soft even after complete solvent evaporation. It is non-drip, even on vertical surfaces, and adheres effectively underwater.

TIXO SEAL is a bituminous sealing solution specifically designed to address challenging waterproofing and sealing applications, offering a reliable technical solution for the civil engineering sector.

FIELDS OF USE

TIXO SEAL can be used in a wide range of applications. It is suitable for sealing roofs, ponds, water mirrors, and specific points such as gutters, chimneys, ventilations ducts, skylights, and joints, both vertical and horizontal. The product is also ideal for emergency repairs and for providing corrosion protection.

TIXO SEAL adheres to most substrates commonly used in civil engineering, even when they are damp, provided the surfaces are sound and clean. Suitable substrates include bricks, cement concrete (excluding renovation plaster), concrete blocks, PVC, PP, PE, PUR, EPS, metals, glass, and bituminous coatings.

For sealing joints on surfaces that are expected to come into contact with hydrocarbons, it is recommended to apply two coats of **2021**, with a total consumption of 100g/m², to ensure adequate protection.

SURFACE PREPARATION

Thoroughly clean the substrate to remove dust, loose or crumbling material, and any foreign or non-adherent materials.

PRODUCT DATA SHEET

WARNING

Do not add additives.
Do not use the product if the packaging is damaged.
Do not add water or solvents.

APPLICATION

The product complies with the requirements of **ISO 11600**, classified as “*F 12.5P M1 up M2 up A up*”. The specific properties corresponding to this classification are detailed in the attached table. This certification was obtained following extensive testing on both dry and wet substrates, including sawn concrete, brushed concrete, anodized aluminium, and PVC.

TIXO SEAL is resistant to attack by most diluted acids and bases. However, it does not resist prolonged contact with hydrocarbons.

CONSUMPTION

10 linear meters per 310 mL cartridge (when applied to cracks measuring 0.5x0.5cm)

PACKAGING

310 mL cartridges – 25 pcs per box

STORAGE

The product in its original and undamaged packaging, can be stored for up to 3 years, in a dry, cool environment. Store at temperatures between +5°C and 35 °C. The product is not frost-resistant.

PRODUCT DATA SHEET

SAFETY INSTRUCTIONS

PRECAUTIONS

For safety information, the user must refer to the latest Safety Data Sheet (SDS), prepared in accordance with applicable regulations. The SDS contains detailed information on the physical, toxicological, and safety characteristics of the product.

DISPOSAL AND ENVIRONMENTAL PRECAUTIONS

Do not release the product or empty containers into the environment. For detailed disposal instructions, refer to the most recent Safety Data Sheet (SDS).

TECHNICAL FEATURES (average value)

FEATURES	RESULTS
Appearance	Stable paste
Colour	Glossy black, smooth
Density at +23°C	1.29 g/cm ³
Flash Point (Abel, IP 34)	41°C
Drying time	From 12 hours to 4 weeks <i>(depending on substrate, applied quantity, and environmental conditions)</i>
Application temperature	+5°C to +40°C
Dry Residue	89%

PRODUCT DATA SHEET

PERFORMANCE OF THE PRODUCT IN SERVICE

FEATURES	STANDARD	RESULTS
Elasticity recovery	ISO 7389	< 40 %
Elongation at break (on dry support at +23°C) (after water immersion)	ISO 8339	> 200% > 200 %
Volume loss due to solvent evaporation	ISO 10563	< 25 10 a 15%
Sag resistance at 5°C and 50°C	ISO 7390	< 3 mm

PRODUCT FOR PROFESSIONAL USE ONLY

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