

Syntech TarpoX

Epoxy-hydrocarbon coating for the protection of products in general



SYNTECH TARPOX is a two-component solvent-free epoxy-hydrocarbon resin based product. SYNTECH TARPOX has excellent characteristics of waterproofing, elasticity and flexibility. SYNTECH TARPOX is among the products most used for waterproofing and cold protective treatments of concrete and steel products.

CUSTOMS CODE:

COMPONENTS: Two-components

APPEARANCE: Thick liquid + Thick liquid

AVAILABLE COLORS: Black

PACKAGING AND DIMENSIONS: Pail 8.3 kg [A] - Pail 1.7 kg [B] - Kit: 1 Pail 8.3 kg [A] + 1 Pail 1.7 kg [B]

OBTAINED CERTIFICATIONS AND REGULATIONS



FEATURES AND BENEFITS

The characteristics of SYNTECH TARPOX make it a product with high elasticity and flexibility, with excellent adhesion values to concrete and steel, with high resistance to freeze-thaw cycles, with high impermeability to both water and hydrocarbons and oils, with high resistance to abrasion and chemical aggression.

FIELDS OF APPLICATION

SYNTECH TARPOX is used for protective waterproofing of tanks, purifiers, sewer pipes, structures that are submerged or subject to shoreline in fresh and sea water, floats, oil pipelines, penstocks.

ALLOWED SUPPORTS

Concrete - Asphalt - Steel

PREPARATION OF SUPPORTS

The application surfaces must be suitably prepared and adequately resistant: free from dust, grease, dirt, friable and / or inconsistent parts, free from surface dampness. A preliminary shot-peening or milling of the adhesion surfaces may be advisable. Any obvious holes, cracks, cracks or irregularities must be restored with Syntech AS 21.



MODE OF USE

Mix the components each in their own container before use. Put component B and component A into a suitable container and mix at low speed with a mixer for at least 5-6 minutes until a homogeneous mixture is obtained, free of lumps and air bubbles. Do not take partial quantities from the packages to avoid any errors in the mixing ratio which would cause incorrect hardening. After applying SYNTECHPRIMER EP-W, and in any case no later than 24 hours, apply SYNTECH TARPOX by roller, brush or spray, pure or diluted. To obtain good protection, the minimum thickness applied must never be less than 150 µm, while the maximum thickness does not normally exceed 600 µm.


APPLICATION METHODS


Brush - Paint roller - Sprayer


TOOL CLEANING


Syntech Diluente Epoxy

KEY FEATURES


 Density: 1.41 ± 0.05 kg/l


 Pot-life: 45-80 min

 Temperature of use: +10 / +35 °C

 Use wearing protective gloves

A:B Mixing ratio: 100:20 _

 Shelf-life: 12 months

 Use wearing protective glasses

TECHNICAL SPECIFICATIONS

EN 13529

Resistance to severe chemical attacks **Classe I**

EN ISO 5470 - 1

Taber abrasion resistance expressed as weight loss in grams (H22 wheel - 1000 g - 1000 rpm) **150 mg**

< 500 g/l

EN 13501-1

Reaction to fire **Euroclasse F**

Brookfield ASTM D 2196

Viscosity **5.000 ± 1.500 mPas**

Complete hardening at 20°C **7 day**

Time before second coat at 20°C **16 h**

Touch hardening at 20°C **7 h**

Shore D EN ISO 868

Hardness **38 ± 2**

Dry residue **90 ± 1 %**

EN 1062-6

Permeability to CO2 **SD > 550 m**

EN ISO 7783-1

Permeability to water vapor **SD = 6.4 m**

UNI EN 1542

Concrete adhesion (direct traction) **≥ 3 N/mm²**

CONSUMPTION

From 150 to 350 g of SYNTECH TARPOX per coat for each square meter of surface to be coated, depending on the type of substrate.



STORAGE AND CONSERVATION

Store the product in its original packing, in a fresh and dry environment, avoiding frost and direct sunlight. Inadequate storage of the product may result in a loss of rheological performance.

WARNINGS AND PRECAUTIONS

The general information, along with any instructions and recommendations for use of this product, including in this data sheet and eventually provided verbally or in writing, correspond to the present state of our scientific and practical knowledge. Any technical and performance data reported is the result of laboratory tests conducted in a controlled environment and thus may be subject to modification in relation to the actual conditions of implementation.

Azichem Srl does not assume any liability arising from inadequate characteristics related to improper use of the product or connected to defects arising from factors or elements unrelated to the quality of the product, including improper storage. Those wishing to utilise the product are required to determine prior to use whether or not the same is suitable for the intended use, assuming all consequent responsibility.

The technical and characteristic details contained in this data sheet shall be updated periodically. For consultation in real time, please visit the website: www.azichem.com. The date of revision is indicated in the space to the side. The current edition cancels out and replaces any previous version.

Please note that the user is required to read the latest Safety Data Sheet for this product, containing chemical-physical and toxicological data, risk phrases and other information regarding the safe transport, use and disposal of the product and its packaging. For consultation, please visit: www.azichem.com.

It is forbidden to dispose of the product and/or packaging in the environment.

