



Family
Syntech

Product Lines
• Aqua
• Infratech

Components
Two-components

Type
Polyurethane resins and related accessories

Functional Categories
• **Waterproofing with hot-sprayed elastomeric coatings (100% pure polyurea)**
• **Protective varnishing (painting)**
• **Protective, strengthening, polyurethane or epoxy coatings**

Appearance
Liquid + Liquid

SYN.0195

SYNTECH POLIUREA TOP COATING

Aliphatic polyurethane resin-based protective coating

Customs Code

3909 5090

Packaging

- Can 9.9 kg [A]
- Can 2.1 kg [B]
- Kit: 1 Can 9.9 kg [A] + 1 Can 2.1 kg [B]

Application

- Brush
- Paint roller

General description

Protective, pigmented, two component aliphatic polyurethane resin based formulation, perfect for protective coating and aesthetic waterproofing performed with SYNTECH POLYUREA SPRAY. Characterised by high levels of elasticity and protection, even in the presence of aggressive atmospheres. Available on request in shades from the RAL colour range.


Dosage

From 0.15 to 0.25 kg of SYNTYECH POLIUREA TOP COATING for each square metre of surface to be covered.

Fields of application

Surface coating pigmented for colouring polyurethane claddings, and their protection from UV rays (which in the absence of the top coating would alter the colour over time). After suitable priming with SYNTECH POLYUREA PRIMER, it can also be applied as a simple coloured aliphatic protective coating.

Basic features


 Density:
1.18 (± 0.05) kg/dm³

 Flammable material


 Max. recommended thickness:
200 μ m


 Min. recommended thickness:
125 μ m

A:B Mixing ratio:
100:21

 Shelf-life:
12 months


 Solvent-based product

 Temperature of use:
+7 / +35 °C

 Use wearing protective glasses

 Use wearing protective gloves

 UV-resistant

 Available colours
RAL classic

Technical specifications

Complete hardening (a 20°C): 7 day

Dry residue (10' a 105°C): 68 %

Flash-point: 53 °C

Hard to touch (a 20°C): 20 - 26 h

Viscosity (a 25°C): 230 mPa

IF YOU WANT TO SOLVE IT
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Tools cleansing

- Thinner for resins

Applicable on

- Concrete
- Tiles
- Floor screed
- Polyurea and polyurethane

Instructions for use

Pour component B with component A into a single container, taking care to remove all the material from the packaging. Mix thoroughly with a mixer at low revs, until a lump-free mixture is obtained.

Apply with a roller or brush on the surfaces of SYNTECH POLYUREA SPRAY, within 24-48 hours of spreading the latter.

A thorough sanding of the supports is recommended for any repairs and/or finishes.

Storage and preservation

Protect from freezing. 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. Protect from humidity.



Warnings, Precautions and Ecology

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.

SYNTECH POLYUREA TOP COATING is a flammable product, solvent-based, intended exclusively for professional use in external environment, to be handled wearing appropriate protective gloves, goggles and clothing, and filtering facial guards for organic vapours with protection class FFA2. Avoid contact with the product.

Direct exposure to sunlight can cause fast and abnormal drying which may compromise the adhesion of product.

Do not apply in case of direct exposure to sunlight and/or excessive ventilation. Avoid applying in thermal conditions at risk for the formation of condensation (the temperature of the support must be at least 3°C higher than the dew point).



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SYNTECH POLIUREATOP COATING is produced/distributed by



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