



Family
Syntech

Product Lines
• **Building**
• **Infratech**

Type
Epoxy or polyester based adhesives and mortars

Functional Categories
• **Construction of bonding bridges between the existing support and the new slope**

Components
Two-components

Appearance
Liquid + Liquid

SYN.0196

SYNTECH RGS

Epoxy adhesive for structural construction joints, brushable

Dosage

0.3 - 0.7 kg /m²
(Recommended: 0.5 kg /m²)

Packaging

- Can 3 kg [A]
- Can 15 kg [A]
- Can 2 kg [B]
- Can 10 kg [B]
- Kit: 1 Can 3 kg [A] + 1 Can 2 kg [B]
- Kit: 1 Can 15 kg [A] + 1 Can 10 kg [B]

Application

- Brush
- Paint roller
- Scrubbing brush

General description

Medium-viscosity epoxy adhesive for structural construction joints (new conglomerates on existing manufactures); and a two-component compound that, after thorough mixing, must be spread with a brush or a roller on existing concrete, a few minutes prior to the installation of new concrete ("fresh on fresh").


Fields of application

Construction joints between new and existing concrete, flooring and structures. Sealing and filling of cracks in the concrete (of a magnitude greater than 1 mm).

Available colours


- Transparent

Basic features


 Density:
1.05 (±0.05) kg/dm³


 Flammable material

A:B Mixing ratio:
100:67 _

 Pot-life:
80-105 min

 Shelf-life:
12 months

 Solvent-free

 Temperature of use:
+10 / +30 °C

 Use wearing protective gloves

Technical specifications

Complete hardening (a 20°C): 7 day

Dry residue (10' a 150°C): 68 %

Hard to touch (a 20°C): 4-6 h

Viscosity (UNI 8701/3): 16000 ±3200 mPa

Tools cleansing

- Thinner for resins

Applicable on

- Concrete
- Fiber-cement
- Tiles
- Floor screed
- Asphalt
- Rock walls

Substrate preparation

The application surfaces should be suitably prepared and adequately resistant: free from dust, grease, fouling, crumbling and non-adhering parts, free of detected surface humidity, for floorings, moreover, it may be advisable to carry out preliminary shot peening or milling of adhesive surfaces.



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Instructions for use

Add component B to component A taking care to remove all the material from the packaging, mix thoroughly with a mixer at a low number of revolutions, until a perfectly homogeneous mixture is obtained; add the required load amount (component C) continue to mix until a homogeneous lump-free mixture is obtained. Apply by brush or roller on the surfaces prepared.

Spread, or "cast" on site, the subsequent conglomerate, in the range of application defined by the conditions of adherence of SYNTECH RGS (before it hardens).

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

Technical and performance data outlined in this document are the result of laboratory testing conducted in a conditioned environment, as such they can result as considerably changed from operating and application conditions. The need follows to carry out preliminary tests in actual use conditions.

The user is required to check the product's most recent Material Safety Data Sheet, reporting physical-chemical and toxicological data, risk phrases and other useful information on how to safely transport, use and dispose of the product and its packaging. It is also reminded that the product and its packaging must not be dispersed in the environment for any reason.

Do not apply in the presence of stagnant water at the surface; do not make the new cast if the product lacks the necessary "stickiness".

If, after its application, SYNTECH RGS should unfortunately harden before having placed the new conglomerate, it is recommended that you do not proceed, since the separation between the two bodies would be very likely! In these cases, it is recommended to apply a new layer of SYNTECH RGS, above the already hardened one, and proceed normally (as described above).

SYNTECH RGS is produced/distributed by



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