



SYN.0327

## SYNTECH ROADWARE

Two-component urethane in cartridge for quick repairs of concrete

### Customs Code

3909 5090

### Packaging

- Bi-mix cartridge 600 ml

### Application

- Dispensing gun

Family  
Syntech

Product Lines

- Building
- Infratech
- Floor

Components  
Single-component

Type  
Epoxy treatments, coatings and enamels

Functional Categories

- Construction of high performance industrial concrete floors
- Roads and municipal maintenance interventions
- Wall structure treatments and repair of industrial concrete floors
- Maintenance interventions on road and railway infrastructures

Appearance  
Liquid

## General description

SYNTECH ROADWARE is a high penetration two-component hybrid urethane which, combined with quartz, produces a hard and instant polymer to repair cracks and crevices in concrete floors.

## General features

SYNTECH ROADWARE has a very low viscosity allowing the penetration of the product in depth, even in the narrowest cracks. It has short reaction times, in fact in 10 minutes at 20°C the material polymerizes completely and catalyzes quickly even in environments with temperatures below 0°C. It has good resistance to chemical attack. When combined with quartz powder, SYNTECH ROADWARE, forms a highly resistant compound with properties similar to existing concrete but with the flexibility that persists over time.

## Dosage

With a SYNTECH ROADWARE cartridge, an average of 50 linear metres of gap of 5 mm width is repaired.


## Fields of application

Repair of splits or cracks in concrete, restoration of deteriorated concrete degradation, repair of cracks and pop-out phenomena in concrete.

## Basic features

 Adhesion to the substrate: **13.7 MPa**      **A:B** Mixing ratio: **1:1** \_

 Pot-life: **10 min**       Use wearing protective gloves

 Available colours  
Dark gray

## Technical specifications

Breaking load longitudinal: 30 MPa

Hardness (a 22°C): 72D \_

Longitudinal elongation at break: 6 %

Viscosity: < 9 mPas

VOC content: 5.5 g/l

## Tools cleansing

- Nitro thinner

## Applicable on

- Concrete

IF YOU WANT TO SOLVE IT  
 **azichem**

[www.azichem.com](http://www.azichem.com)

Updated: **24/08/2020**

General sales conditions and legal notices on

[www.azichem.com/disclaimer](http://www.azichem.com/disclaimer)

## Substrate preparation

Slightly widen the crack with a circular saw to facilitate the penetration of SYNTECH ROADWARE. Before applying the product, vacuum the dust created. The support must be clean and free from dust or dirt.

## Instructions for use

Apply SYNTECH ROADWARE directly on the crack or on the degraded area until the gap is completely saturated. Add quartz directly to the crack and repeat the SYNTECH ROADWARE application operation. Smooth with a spatula and leave the product to work.

## Storage and preservation

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. Opened containers must be used immediately.



## 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](http://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](http://www.azichem.com). It is forbidden to dispose of the product and/or packaging in the environment.



[www.azichem.com](http://www.azichem.com)

Updated: **24/08/2020**  
General sales conditions and legal notices on [www.azichem.com/disclaimer](http://www.azichem.com/disclaimer)

SYNTECH ROADWARE is produced/distributed by



Via Giovanni Gentile, 16/A - 46044 Goito (MN), Italy  
info@azichem.com Tel. +39 0376.604185 /604365 Fax +39 0376 604398



[www.azichem.com](http://www.azichem.com)

Updated: **24/08/2020**  
General sales conditions and legal  
notices on  
[www.azichem.com/disclaimer](http://www.azichem.com/disclaimer)