

NORPHEN RICRETE

Epoxy sealer

Description

NORPHEN RICRETE is a two component solvent-free product, consisting of:

- component A: a mixture of liquid epoxy prepolymers;
- component B: copolymerization amine.

The product is capable of impregnating the substrate and realizing a humidity compatible sticky coat, that can ensure the adherence of a wet concrete layer on an existing substrate.

Where to Use

NORPHEN RICRETE is specifically used as a structural sealer for casting cold shuts.

Application

Substrate Preparation

NORPHEN RICRETE has excellent humidity compatibility; however, with existing flooded areas, it is recommended to firstly dry and then proceed with application.

Product Application

- Make material and equipment ready for casting;
- then apply NORPHEN RICRETE with a roller or a brush to the part to be bonded;
- immediately proceed with casting while the product is still fluid and sticky.

You need to give special attention because it is a fast-hardening product, especially in summer.

Product Preparation

Pour component B into component A and mix well with a professional mixer.

A careful cleaning of tools must be carried out with acetone before the resin hardens.

Average Coverage: 380÷420 g/m².

Warnings and special instructions

- When partially using a package, pay attention to hardening ratio, since components A and B must be mixed according to the precise ratio listed on the label.
- In cold weather, product viscosity increases, making the application difficult, therefore the product shall be taken to a warmer place before proceeding with the application.
- See the Material Safety Data Sheet (MSDS).

Specifications

bulk density, UNI 8310	g/cm ³	1.12 ± 0.05
pot-life, UNI EN ISO 9514	min	12 ± 4
apparent dynamic viscosity, ISO 3219	mPa·s	600 ± 50
curing minimum time	days	> 7
application temperature	°C	da +2 a +35
ultimate flexural strength, ISO 178	MPa	70 ± 15
flexural modulus of elasticity, ISO 178	MPa	2500
compression load, UNI 4279	MPa	105 ± 10
adhesion to concrete	MPa	3,5
ratio A : B		4 : 1

Note: Test methods are in accordance with the standard referred to in the table.

Labelling, packaging and storage

Package	5 kg (A+B) and 12 kg (A+B)
Storage	24 months in original packaging, in a covered, dry area at temperatures between +10°C and +30°C. Frost sensitive.

EN ADHESIVES FOR CONSTRUCTION JOINTS AND STRUCTURAL ADHESIVES

IT COLLANTI PER RIPRESE DI GETTO ED INCOLLAGGI STRUTTURALI

FR COLLES POUR REPRISES DE BETONNAGE ET STRUCTURELLES

PL DODATKI I GRUNTY DO ŁĄCZENIA BETONU



NORPHEN RICRETE

Epoxy sealer

Legal notice

Tips on how to use our products match the current state of our knowledge and do not imply any assumption of responsibility or/and liability for the final result of works. Therefore, customers are not exempt from the responsibility to verify the suitability of products for use and final aims through preliminary tests. The website www.nordresine.com contains the latest revision of this datasheet.

Edition

19.11.2006

