


QDB	<h1>RACOLOR 27</h1>		Technical Data Sheet
			919027
	Created on: -	Version: 05	
	Modified on: 16/06/2016 by SR	Replaced version: 04 dated 26/11/2009	
Approved on: 16/06/2016 by SR	Page: 1 of 1		

PRODUCT DESCRIPTION

RACOLOR 27 is an aqueous 2-component coating based on epoxy resin with an active film protection. **RACOLOR 27** is approved for product types 07 and 10 by the BAG under number CHZB1736.

AREAS OF APPLICATION

It is suitable as a sealant and protective coating on floors and walls made of concrete, plaster, eternite, iron, aluminium, epoxy resin etc. **RACOLOR 27** is also suitable as a primer for **RADOFIX** or as a sealant for our **RAMUR** wall covering.

PRODUCT FEATURES

- Good chemical and mechanical properties
- Glossy and non-porous surface
- Easy to clean
- Smooth or non-slip finish available
- Active film protection for the product and masonry

COLOUR SHADE

Almost all colours (RAL or NCS) are possible. Slight deviations in colour are unavoidable due to the nature of the raw material. When exposed to sunlight, EP systems are not permanently colour-stable.

COMPOSITION

RACOLOR 27 is a solvent-free, pigmented covering based on epoxy resin and an aliphatic amine hardener with a biocidal active ingredient.

CHEMICAL RESISTANCE

refer to the chemical resistance list. Customer-specific chemicals can be tested in our technical laboratory.

THERMAL RESISTANCE

RACOLOR 27 is suitable for the following temperatures if it is not simultaneous subject to chemical or mechanical loading.
Permanent load: + 50°C
Short-term exposure (max. 3 days): + 60°C, dry heat

TECHNICAL CHARACTERISTICS

Cross-cut, DIN 53151	GT 1- 2
Shore hardness D, DIN 53505	75 - 85
Adhesive tensile strength, DIN 53232	approx. 4.5 N/mm2

MATERIAL CONSUMPTION

Primer	0.4 - 0.5 kg/m2
Topcoat	approx. 0.4 kg/m2

CLEANING

Regular care with suitable cleaning agents is recommended to ensure a high-quality, lasting surface finish and to preserve the aesthetic appearance. Abrasive stress can result in scratches and damages to the surface.

CONTENT OF BIOCIDES

4.5-dichloro-2-octyl-2H-isothiazol-3-one:	0.194 g / 100 g
Octhilinone (ISO):	0.05 g / 100 g

Use biocides safely! Always read the label and product information before use!

LEGAL NOTES

We have compiled the content of this document to the best of our knowledge based on our many years of experience. The values specified are guideline values and may vary. All values were determined after 7 days, at 23°C.