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| QDB | <h1>RAROC 580</h1> | | Technical Data Sheet |
| | | | 919580 |
| | Created on: 03/07/2014 by SR | Version: 04 |  |
| | Modified on: 03/08/2015 by SR | Replaced version: 03 dated 25/11/2009 | |
| Approved on: 03/07/2014 by SR | Page: 1 of 1 | | |

PRODUCT DESCRIPTION

RAROC 580 is a solvent-free, multi-layer epoxy resin mortar covering with a sealed, non-slip and rough surface. The coating displays very good chemical and mechanical properties.

AREAS OF APPLICATION

Suitable for coatings and coverings on concrete and cement screeds, e.g. in industrial halls, cheese dairies, wine cellars, garages, beer breweries, etc.

PRODUCT FEATURES

- Good chemical and mechanical properties
- Glossy and non-porous surface
- Easy to clean
- Smooth or non-slip finish available
- Practically infinite colour tone possibilities

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

RAROC 580 is a solvent-free, pigmented covering based on epoxy resin and an aliphatic amine hardener.

CHEMICAL RESISTANCE

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

THERMAL RESISTANCE

RAROC 580 is suitable for the following temperatures if it is not simultaneous subject to chemical or mechanical loading.
 Permanent load: + 65°C
 Short-term exposure (max. 3 days): + 70°C, dry heat

TECHNICAL CHARACTERISTICS

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|-------------------------------|---------------------------|
| Tensile Resistance, DIN 53504 | 30 - 35 N/mm ² |
| Fire class, VKF | 5.1 |
| Shore hardness D, DIN 53505 | 75 - 85 |
| Compressive strength, ISO 604 | 80-100 N/mm ² |

MATERIAL CONSUMPTION

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|---------|-------------------------------|
| Primer | 3.2 - 3.5 kg/m ² |
| Topcoat | approx. 1.5 kg/m ² |

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.

EU DIRECTIVE 2004/42 (DECOPAINT DIRECTIVE)

According to the EU Directive 2004/42, the maximum permissible content of VOC (product category IIA /j type **sb**) is 500 g/l (limit 2010) in its ready-to-use state. The maximum content of **RAROC 580** in its ready-to-use state is <500 g/l VOC

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.