



Cruysberghs
bvba
Chemical

Producer of construction specialty chemicals **REAXYL**[®]

Approved BASF Construction Chemicals partner



Dealer of PCI tile adhesive systems and construction chemical additives



Reaxyl[®] CE-45 R

Water and pollution repellent treatment
for roof tiles and natural stone slates

With nanotechnology



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Description

Reaxyl® CE-45 R is a colourless product on a watery base for mineralisation and waterproofing roofs. Reaxyl® CE-45 R is based on a formula with siloxane which is chemically grafted on a acryl net structure.

Reaxyl® CE-45 R is ready to use and intended to protect roofs with tiles of concrete, terracotta, slates, etc.

Reaxyl® CE-45 R decreases strongly the return of moss and extends the life of the roof tiles.

Use

Reaxyl® CE-45 R has a curative and durable preventive use.

The nano-emulsion provides an excellent penetration in the surface, with a strong permanent mineralising use.

Reaxyl® CE-45 R increases the resistance of the surfaces against wearing out and abrasion.

Reaxyl® CE-45 R increases the cohesion of the tiles and blocks peeling.

Reaxyl® CE-45 R protects the roof against pollution and atmospherical influences.

Reaxyl® CE-45 R decreases frost damage.

Reaxyl® CE-45 R decreases the water absorption in the tiles and decreases the growth of moss, microalgae and lichens.

Reaxyl® CE-45 R facilitates the maintenance of the surface, because of its self-cleaning character of the water repellent.

Characteristics

Reaxyl® CE-45 R is a non-film forming system and prevents the danger of peeling because of frost.

Reaxyl® CE-45 R is a impregnating system and penetrates strongly into the surface.

Reaxyl® CE-45 R has an added hardener and increases strongly the resistance and the strength of the surface.

Reaxyl® CE-45 R has an added water repellent product, does not contain fillers, has no external softeners, is not flammable, is not toxic and lets the surface breath (vapour open).

Application

Apply Reaxyl® CE-45 R to a slightly moist surface, just cleaned roof or after a rain shower. Insufficient penetration of the product in the surface decreases the sufficiency of the treatment. A periodically maintenance with Reaxyl® Natri 1216 like with new roofs, is recommended, even after applying Reaxyl® CE-45 R. This maintenance is strongly depending on the surroundings like trees, forests, etc.

Do not use Reaxyl® CE-45 R on non-porous surfaces like lacquered roof tiles, natural slates, windows, doors, etc. It is recommended to shield the gutters and windows.



Technical information

REAXYL® CE-45 R

View:	milky white liquid
Material base:	acryl copolymer
Dilution:	water
Density:	1 gr/cm ³ (± 0,02 at 20 °C)
Viscosity:	150 mPa.s at 20 °C
Flash point:	irrelevant
Active components:	8%
Drying time:	< 1 hour
Processing temperature:	+ 12 to + 30 °C.
Change of surface tension:	15 – 20mN/m
Consumption:	0,1 – 0,2 L/m ²
Cleaning after drying:	Reaxyl® ZX-cleaner
Packaging:	5 and 20 liter
Storage:	1 year cool and dry



Surface:

If the roof is covered with moss, lichen or micro algae you can best clean this beforehand with Reaxyl® Natri 1216, 24 hours before treating with Reaxyl® CE-45 R.

Apply Reaxyl® CE-45 R with a Reaxyl® block brush or product roll. Reaxyl® CE-45 R can also be applied with the K Multi 12 BS back sprayer 12 (see our webshop). Apply Reaxyl® CE-45 R on a clean, dry or slightly damp surface. The amount of layers (wet-in-wet) and the quantities have to be determined so that no film remains after drying. Do not spray Reaxyl® CE-45 R with a lot of wind. The efficiency is 0,1 – 0,2 L/m² depending on the porosity of the surface. The surface can contain maximum 5% moisture, the relative humidity is best below 75 - 80%.

Solutions for all your construction problems

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