

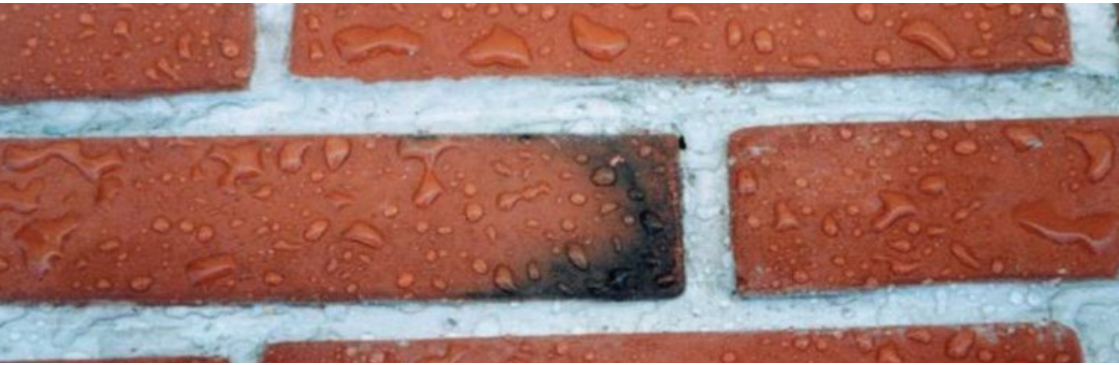
Cruysberghs
bvba
Chemical

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

Approved BASF Construction
Chemicals partner



Dealer of PCI tile adhesive systems and
construction chemical additives



Reaxyl[®] CE-27 (W) / CE-27 W Gel / CE-35 (W) **Facade treatment**

With 3 to 5 polymers (97% efficiency after 10 years)

With WTCB approval

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Why choose for a facade treatment?

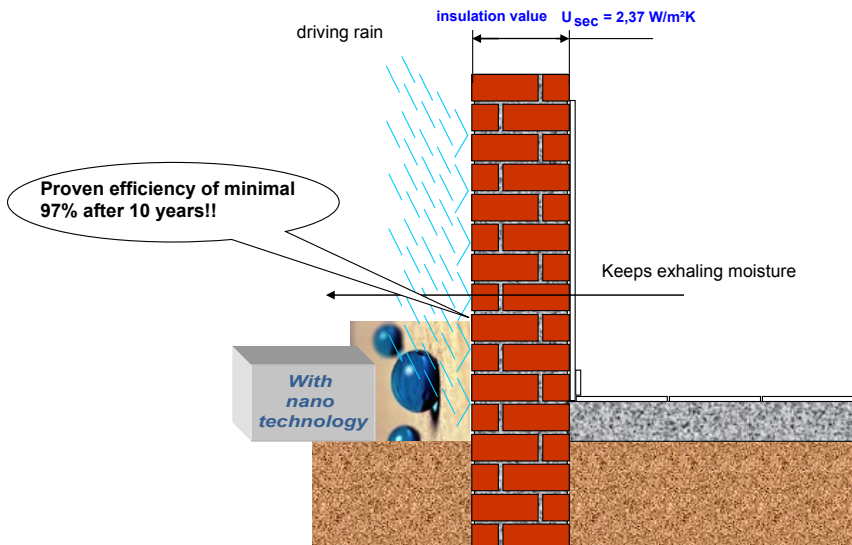
Construction materials have different porosities through which rainwater can find its way and cause damage on short or long term. Rainwater is the best solvent, because of which porosities in construction materials get bigger and bigger with the years. When the cavity wall membrane is missing in the outer walls or when it is placed wrong, it can be useful to make certain construction materials water repellent. Read the more common causes, effects and solutions about waterproofing, moisture and condensation problems on www.humida.be.

When you can treat mortared facades, glued brick strips or other construction materials to a depth of 1 brick through-and-through with a product with have a proven efficiency of more than 97% after 10 years, you can accept a water repellent treatment as a definite solution.

When restoring a faulty ground level seal or cavity wall membrane the appliance of a vertical ground level seal can be necessary. When applying a ground level seal it is necessary to first make sure that no rainwater can get behind the seal and you can best make the upright facade water repellent.

Walls facing north or in wooded areas can have aesthetic nuisance and turn green. These facades can be spared much longer from the green deposits by treating them water repellent.

New facades can be protected prolonged against negative weather influences by waterproofing them completely within a few months after placement. Frost sensitive construction materials can be protected with the right treatment. So choose the right product for a long-term result.



Verification report of the WTCB available on demand.

REAXYL® CE-27 W, CE-27 W Gel and CE-35 W water based



These products are water based and non-flammable, odourless, non-toxic, do not contain solvents and reach their maximum efficiency after 7 days.

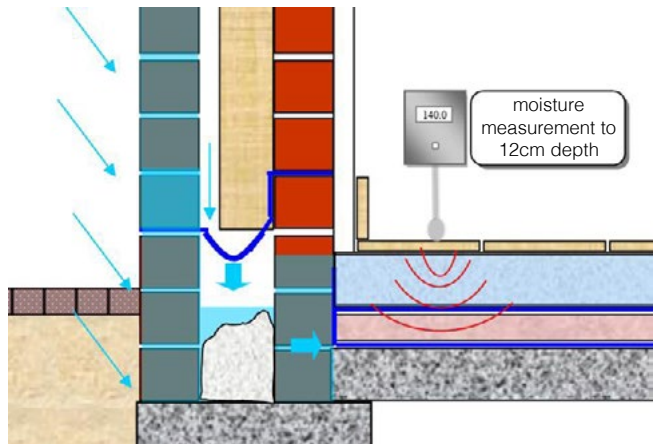
- ✓ Reaxyl® CE-35 W contains a resin based on polyolefins (polyalkenes) which bridge cracks up to 300µm.
- ✓ Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W can also be applied to a moist surface and on new joints. Also walls which dry difficultly can be treated this way.
- ✓ Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W contain no solvents and are little or not harmful for nature.
- ✓ Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W are odourless and can be used easily in densely inhabited areas.
- ✓ Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W are a vapour open, non-film-forming system.
- ✓ Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W can be exposed to rain after +- 2 hours.

Notes and precautions:

- The temperature of the surface cannot be lower than 5°C.
- Windows have to be protected.
- Accidental stains have to be erased immediately with water.
- Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W cannot be applied to non-porous surfaces.
- A prior test on the place of use is always recommended.
- When there are salts present on the surface it is recommended to neutralise these salts with Reaxyl® C.S. salt neutralizer before applying Reaxyl® CE-27 W, CE-27 W Gel and CE-35 W



REAXYL®



REAXYL® CE-35 with 5 polymers for materials with a high porosity

To sufficiently waterproof old facade stones and concrete blocks with big porosity you need a composition of 5 polymers.

Reaxyl® CE-35 with 5 polymers is a customized solvent containing composition to answer this question. Reaxyl® CE-35 is solvent containing, Reaxyl® CE-35 W is water based. Reaxyl® CE-35 changes the surface tension of all kinds of stones or rocks, roof piles, roofs and floors made from brick, natural stone or concrete, plaster, etc. Reaxyl® CE-35 prevents the penetration of rainwater, the attachment of dust particles and other pollution of air in the porosities of these construction materials and reduces the attachment of algae and moss strongly. Reaxyl® CE-35 also prevents frost damage of walls and masonry during frost periods. The treated material keeps breathing 100 %, because of which the remaining moisture can evaporate out of the wall. The product penetrates 3 – 9 cm into the material because of its capillary function. The outstanding qualities of the product are the result of the very deep penetration and its good alkaline resistance. Therefore Reaxyl® CE-35 is insensitive to the aggressive and sour atmosphere of our cities. Reaxyl® CE-35 lets the treated material breath 100 %.

The treatment with Reaxyl® CE-35 on natural materials prevents the moisture penetration to suppress chemical and physical reactions. Reaxyl® CE-35 prevents the penetration of moisture, salt and therefore, the chemical oxidising reaction. Non-treated walls become wet very deep and provide very little insulation to the wall (5 % moisture = 30 % less insulation). Furthermore, rainwater can penetrate far into the screed. Reaxyl® CE-35 is exceptionally effective. There is only one treatment needed to waterproof the walls permanently. Reaxyl® CE-35 has a proven efficiency of minimal 97 % after 10 years.






REAXYL® CE-27 with 3 polymers for materials with a low porosity









































Reaxyl® CE-27 changes the surface tension of all kinds of stones or rocks, roof piles, roofs and floors made from brick, natural stone or concrete, plaster, etc. Reaxyl® CE-27 prevents the penetration of rainwater, the attachment of dust particles and other pollution of air in the porosities of these construction materials and reduces the attachment of algae and moss strongly. Reaxyl® CE-27 also prevents frost damage of walls and masonry during frost periods. The treated material keeps breathing 100 %, because of which the remaining moisture can evaporate out of the wall. The product penetrates 3 – 9 cm into the material because of its capillary function. The outstanding qualities of the product are the result of the very deep penetration and its good alkaline resistance. Therefore Reaxyl® CE-27 is insensitive to the aggressive and sour atmosphere of our cities. Reaxyl® CE-27 lets the treated material breath 100 %.



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PRODUCT GUIDE

-  The best choice
-  Less good choice, but possible
-  Not the right choice or hard to execute

	CE-27 3 polymers *	CE-27 W 3 polymers *	CE-27 W Gel 3 polymers *	CE-35 5 polymers	CE-35 W 5 polymers
Stones with a low porosity, regular bricks, ...					
Stones with a large porosity, concrete blocks, stones with cracks, very old walls, ...					
Facade has never been waterproofed					
Facade has been waterproofed					
Facade is easily accessible					
Facade is difficultly accessible					
For professional use					
For private use					

Instructions

Reaxyl® CE-27 / CE-35 (solvent containing) are applied in a flowing manner on a dry, clean surface. If wanted the walls can be cleaned in advance with Reaxyl Base-clean facade cleaners. For the flowing manner you can use our low pressure sprayer. Remove the nozzle and let the product flow off in a full beam until the surface is saturated. Fly screens are to be removed in advance, shutters can be let down. Windows, doors and other not to be treated surfaces can be rubbed with White-Spirit just before starting and be wiped just after the treatment with White-Spirit. Ponding is to be removed immediately. If the joints or cracks are too big, it is recommended to repair these in advance.

Consumption:

Reaxyl® CE-27 / CE-35 are exceptionally effective. Normally one treatment is sufficient. The consumption is strongly depending on the porosity of the surface 0,5 – 2,0 litre/m². The normal pressure to work with is 1 – 3 bar. Rinse / wash equipment with White-Spirit.

Stains:

Residue or sporadic stains can be cleaned with Reaxyl Cleaner ZX (watch out with plastics).

Reaxyl® CE-27 W / CE-35 W (water based) can be applied in a flowing manner on a dry, clean surface. For the flowing manner you can use our low pressure sprayer. Remove the nozzle and let the product flow off in a full beam until the surface is saturated. **Reaxyl® CE-27 W Gel** is applied with a roll on walls. Fly screens are to be removed in advance, shutters can be let down. Windows, doors and other not to be treated surfaces can be rubbed with White-Spirit just before starting and be wiped off just after the treatment with White-Spirit. Ponding is to be removed immediately. If the joints or cracks are too big, it is recommended to repair these in advance.

Consumption:

Reaxyl® CE-27 W / CE-35 W are exceptionally effective. Normally one treatment is sufficient. The consumption is strongly depending on the porosity of the surface 0,5 – 2,0 litre/m². The normal pressure to work with is 1 – 3 bar. Rinse / wash equipment with White-Spirit. Apply **Reaxyl® CE-27 W Gel** with a roll on walls with a consumption of 0,25 – 0,3 L/m².





Technical information

REAXYL® CE-27 *(WTBC nr: DE 622 X 862 N TER)

Material base: oligomer siloxane from the type methyl-methoxy-ethoxy.
Solvent: aliphatic-ethoxy.
Density: 0,758 gr/cm³.
Viscosity: 1,85 mPa.s.
Flash point: > 61°C.
Colour: colourless.
Rainproof: after 1 hour.
Processing temperature: + 5 to + 35 °C.
Effectiveness: 97 % effective after 10 years.
Penetration depth: 30-90 mm according to surface.
Storage: 1 year cool and dry.

REAXYL® CE-27 W *(WTBC nr: DE 622 X 861 N TER)

Material base: oligomer siloxane from the type methyl-ethoxy-ethyl, catalyse additives and bridging prepolymers.
Free from solvents, odourless, non-toxic and non-flammable
Density: 1,05 gr/cm³.
Viscosity: 1000-3000 cPs.
pH: 10
Colour: whitish liquid, dries transparent.
Rainproof: after 2 hours.
Processing temperature: + 5 to + 35 °C.
Effectiveness: 97 % effective after 10 years.
Penetration depth: 30-90 mm according to surface.
Storage: 1 year cool and dry.

REAXYL® CE-27 W Gel *(WTBC nr: DE 622 X 860 N TER)

Material base: a mix of hydrocarbon / water and alkyl alkoxy siloxane and bridging prepolymers.
Odourless, non-flammable
Density: 0,845 gr/cm³.
Viscosity: + 50.000 cPs.
Colour: cream coloured, dries transparent.
Rainproof: after 2 hours, maximal effectiveness after 10 days.
Processing temperature: + 5 tot + 35 °C.
Effectiveness: 97 % effective after 10 years.
Penetration depth: 30-90 mm according to surface.
Storage: 1 year cool and dry.

REAXYL® CE-35

Material base: silanes, siloxanes and silicones enhanced with an organometallic complex and a polyolefin bridge resin.
Solvent: aliphatic solvents.
Density: 0,87 gr/cm³.
Viscosity: 100 cPs
Flash point: > 60 °C.
Colour: colourless.
Rainproof: after 1 hour.
Processing temperature: + 5 to + 35 °C.
Effectiveness: 97 % effective after 10 years
Penetration depth: 30-90 mm according to surface.
Storage: 1 year cool and dry.

REAXYL® CE-35 W

Material base: silanes, siloxanes and silicones enhanced with an organometallic complex and a polyolefin bridging resin.
Free from solvents, odourless, non-toxic and non-flammable.
Density: 1 gr/cm³.
Viscosity: <100 cPs
pH: 8-9
Colour: whitish liquid, dries transparent.
Rainproof: after 2 hours.
Processing temperature: + 5 to + 35 °C.
Effectiveness: 97 % effective after 10 years.
Penetration depth: 30-90 mm according to surface.
Storage: 1 year cool and dry.

Solutions for all your construction problems

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