



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[®] Base-X 2K

Ground level sealant

100% waterproof, elastic, crack bridging, frost proof, density level 3,
NBN EN 1992-3



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Reaxyl® Base-X 2K

Ground level sealant

It's a two component solvent-free, artificially modified, thick polystyrol holding bitumen paste for permanent waterproofing under the ground level (= first 20 – 40 cm under the ground level, hardening or other predisposition around the building).

Reaxyl® Base-X 2K is 100% waterproof on the given layer thicknesses, little shrinkage, frost free and crack bridging until 4mm. **Reaxyl® Base-X 2K** is only to be placed at the positive waterside (outside).

Reaxyl® Base-X 2K is also ideal as water repellent security at new buildings. Because of its unique qualities, it's easy to apply to every surface; rough, uneven or even. **Reaxyl® Base-X 2K** attaches excellent to every old bituminous layer and all mineral surfaces. **Reaxyl® Base-X 2K** can also be used to waterproof complete cellars, foundations, underground concrete structures, etc.

Reaxyl® Base-X 2K is simple to apply with a Reaxyl® block brush or trowel. Use the Reaxyl® radiator brush for a delicate finish.

Surface:

The surface has to be dust free and clean. All loose parts have to be removed, we advise to clean with a high pressure cleaner (80 - 100 bar) and let dry. A slight damp surface can, as long as the product does not turn brown. Cavities, open seams and joints can be evened out with **Reaxyl® Base-X 2K** with a trowel. Seal movement joints and ducts in advance with Reaxyl® Tubefix. Open butt joints up to 5mm can be plastered shut with **Reaxyl® Base-X 2K**, bigger joints have to be filled out with a cement joint. Big holes can be sealed in advance with Reaxyl® ZX-Thermo.



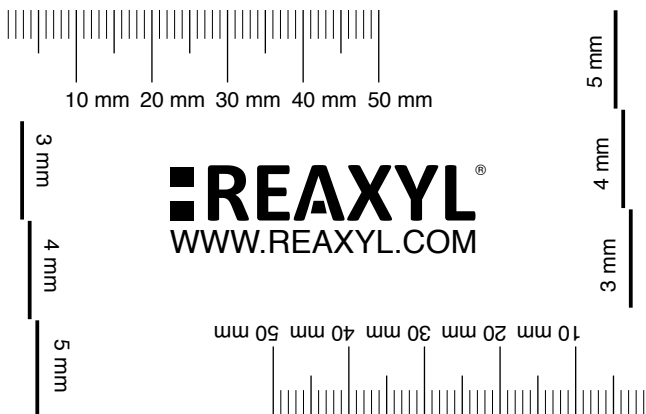
Use:

First read the approach to the right cause and sealing the ground level zone in the manual at www.humida.be or www.humida.nl. Possibly a combination of sealing with the upper façade bricks (Reaxyl® CE products) can be necessary to get a complete waterproof structure.

- Mix the components A+B in the given ratio with a forced mixer (a mixer on a drilling machine during 3 minutes mixing until lump free, 600 – 900 t/min.), if possible in a separate disposable bucket. Do not mix to big quantities in one time.
- **Reaxyl® Base-X 2K** is to be applied on a clean surface (see surface page 1) in minimal 2 layers with a trowel or a Reaxyl Block brush.
- **Reaxyl® Base-X 2K** can be sprayed airless in the necessary thicknesses.
- The second layer can be applied when the first layer cannot be damaged anymore (hand dry).
- Wash tools immediately with water.

Note:

- The dry layer thickness can not be less than the foreseen (see page 4 layer thickness). Check the layer thickness with the included layer thickness meter and press this shortly in the freshly applied **Reaxyl® Base-X 2K**.
- Protect the freshly applied **Reaxyl® Base-X 2K** against damages (insulation boards).
- The layer thickness has to be measured every 5 m² with the included layer thickness meter.
- **Reaxyl® Base-X 2K** is rainproof after 5 hours.



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Layer thickness *** (for a density level 3, NBN EN 1992-3)

- Soil moisture and not pressing water:	3,5 l / m ² (DIN18195-4)
- Moist ground level zone without pressing water:	3,5 l / m ² (DIN18195-5.1)
- Wet ground level zone without pressing water ***:	4,7 l / m ² (DIN18195-5.2)
- Local pressing drop water:	4,7 l / m ² (DIN18195-6.2)
- Pressing water:	4,7 l / m ² (DIN18195-6.2)

Use as scraping layer: ca. 1 – 2 l / m²

Use as glue for insulation and drainage boards: ca. 1 – 2 l / m²

*** The provided use is the minimal layer thickness. Certain given circumstances can increase the provided layer thickness.



Reaxyl® Base-X Primer is a solvent-free product to be used as an adhesion enhancer for sensitive or difficult surfaces.

Use the **Reaxyl® Base-X Primer** for:

- freshly hardened concrete,
- when you doubt the eventual adhesion,
- when you cannot clean the surface because of certain circumstances with a high pressure cleaner, with a water sensitive building construction or environment.

Reaxyl® Base-X Primer can be applied to all mineral surfaces or old bituminous layers.

Reaxyl® Base-X Primer is solvent-free and environmentally friendly, simple to use, ready to use, fast drying, sprayable, rollable and smearable.

Reaxyl® Base-X Primer can be stored for 12 months frost-free.

Consumption *: 0.1-0.2 l / m²

Density: 1,0 kg / l

Workable after: 45 - 60 minutes

Temperatures during use and drying **: + 5 ° C to + 30 ° C

* The given consumption values are minimal values. These can increase as a result of workmanship during consumption.

** Temperature: component, installation and environmental temperature.

Reaxyl® Base-X 2K Ground level sealant

Reaxyl® Base-X mesh reinforcement is a fibreglass mesh for imbedding and reinforcing **Reaxyl® Base-X ground level sealant**, according to DIN 18533.

Use **Reaxyl® Base-X mesh reinforcement** for imbedding and reinforcing **Reaxyl® Base-X ground level sealant**, according to DIN 18533, part 3.

Reaxyl® Base-X mesh reinforcement is suited for reinforcing **Reaxyl® Base-X 2K** ground level sealant in critical areas and surfaces which are prone to tearing and movement.

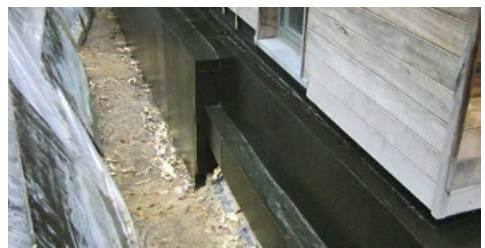
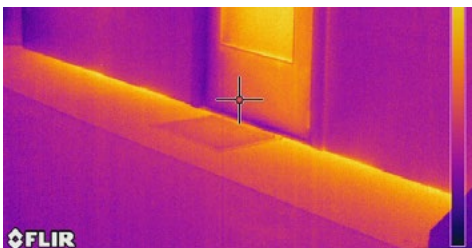
Reaxyl® Base-X mesh reinforcement is recommended for critical surfaces, suited for use in DIN 18533 part 3 W2.1-E and W3- and can be kept up to 24 months frost-free.



Width: 1.000 mm
Colour: white
Material base: 100% fibreglass
Mesh size: 3,5 mm x 3,5 mm
Base weight: $\geq 150 \text{ g / m}^2$
Processing temperature *: + 5 ° C to + 30 ° C

Ground level insulation:

Since a not insulated ground level zone has a strong energy emission, it is advisable to insulate the ground level zone with waterproof insulation boards after waterproofing the zone with **Reaxyl® Base-X 2K**. These insulation boards can best be smeared completely with **Reaxyl® Base-Tack 2K**.

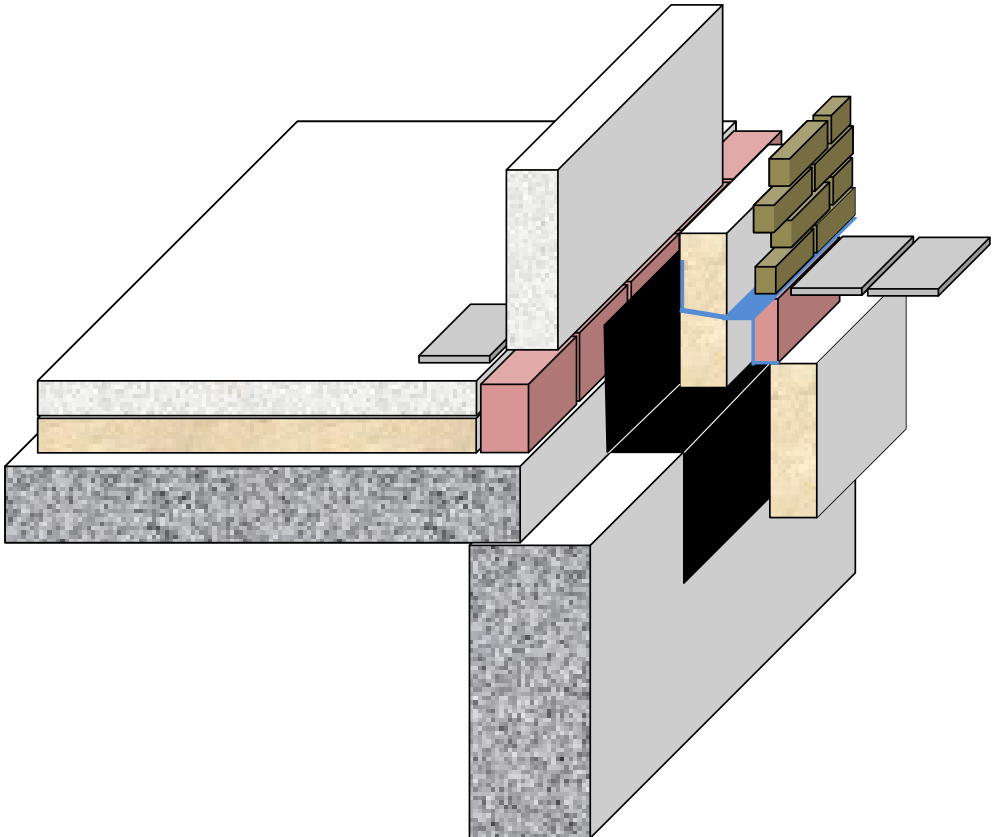


Reaxyl® Base-X 2K

Ground level sealant

Security water repellent:

Because water repellent foils are loose on concrete and other surfaces, rainwater can easily run between and under the foils, by a saturated ground level zone (read more on www.humida.be or www.humida.nl). In new constructions it is much easier to make the ground level zone waterproof with **Reaxyl® Base-X 2K**. Apply this in 2 layers up to the external cavity wall and go 10 cm higher than the level of the outer hardening. With this you have a 100% waterproof, safe, permanent and elastic sealant and you can guarantee a density level 3.



Technical information

Reaxyl® Base-X 2K Ground level insulation

- Specific weight: ca. 0,7 kg / l
- Material base, A comp.: 2 components, polystyrol, artificially modified bitumen paste
B comp.: cement base, irritating
- Solution: solvent-free
no tax for the processor and the environment
no fire or exploding hazard
no health harmful fumes
- Colour: black
- PH: 10
- Viscosity: 15000 – 22000 mPa.s (23°C)
- Processing temperature: ** + 5°C tot + 30 °C
- Use : see page 4 layer thickness
- Rain proof after: ** ca. 3 – 4 hours
- Curing / loadable: ca. 1 – 2 days
- Processing time: ** 0,5 – 2 hours
- UV-resistant: limited
- Cleaning tools: immediately with water
after hardening, only mechanically
- Not suitable for: use in proximity of drinkable water of swimming pools
- Storage: minimum 12 months in original, closed packaging, keep dry and frost free
- Delivery: 30 l buckets / 18 per pallet
layer thickness per bucket of 30 l
(A comp. 16,9 kg + B comp. 6 kg)
- Transport: non hazardous

** Depending on the humidity, temperature, layer thickness and surface these values can vary. The given values are averages by +21°C and 50% relative humidity.

Mixture ratio A+B

By 30 °C	1 kg B component per bucket
By 20 °C	3 kg B component per bucket
By 10 °C	4,5 kg B component per bucket
By 5 °C	6 kg B component per bucket



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