

**Cruysberghs**  
bvba  
Chemical

Producer of construction  
specialty chemicals **REAXYL**<sup>®</sup>

Approved BASF Construction  
Chemicals partner



Dealer of PCI tile adhesive systems and  
construction chemical additives



# Reaxyl<sup>®</sup> ZX-345

## Fast universal brick slip glue

For simply gluing all kinds of brick slips



**je mee ?**

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## Outer insulation

### Brick slip directly on the insulation boards without loss of building line

All existing houses which are not or insufficiently insulated can best be regarded as a new building where the insulation and the outer finish still has to be placed.

First let all possible present cavity walls be post-insulated or insulate the cavity walls yourself with **Reaxyl® ZX-Thermo** before finishing the outer walls. You cannot have any hollow spaces left. Ask the local council or your architect a written permission to insulate the front façade. Usually an administrative announcement is sufficient. The decree "upholding determination and realisation of the building line" of december 8th 2017 [https://www.ruimtevlaanderen.be/Portals/108/Wegwijzer\\_codextrein\\_verseie25042018.pdf?ver=2018-04-25-161329-457](https://www.ruimtevlaanderen.be/Portals/108/Wegwijzer_codextrein_verseie25042018.pdf?ver=2018-04-25-161329-457) determines that you can insulate maximal 26 cm outside the building line (Belgium).



To make most optimal use of the width of the moved building line it is important to insulate the allowed width maximally. Choose the insulation boards with a double vapour barrier (e.g. Recticel Powerwall) to block the difference in vapour pressure between inside and outside, winter and summer (read more at [www.humida.be](http://www.humida.be)).

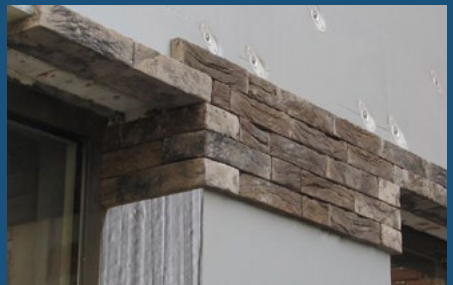
On these insulation boards you can directly and without primer, glue all kinds of brick slips, with or without joints, with our **Reaxyl® ZX-345**. You do not need extra foundations to carry a wall. Also read the ECOBEN brochure. You simply apply lines with a chalk line reel. This way it is easy to stay straight and you can play with the joint width to let it look visually perfect. The advantage of the flat insulation boards is that the brick slips with different sizes always fit and they are cheaper.





**Reaxyl® ZX-345** is a glue specially designed to attach all kinds of brick slips, full bricks and natural stones, without any support, directly to the insulation boards, walls or beams. **Reaxyl® ZX-345** has an exceptional adhesion on nearly every surface, elastic, temperature resistant, frost resistant and waterproof up to -40°C / +95°C (30 min + 155°C). It is also vibration resistant, UV-resistant and durable. One of the biggest advantages is that **Reaxyl® ZX-345** does not need to be mixed and it can even be applied in the rain or on a frozen surface! No primer needed!

- Does not sag
- 100% silicone-free
- With or without joint
- Works fast in every weather condition
- Instantly rainproof
- Frost and rain during placement cannot harm
- Directly placeable without primer!
- Extremely fast placement
- No interruptions with short rainfalls
- No product loss
- Ready to use, do not mix
- Attaches to almost any surface
- Also safe for natural stones
- Consumption 0,3 – 0,7m<sup>2</sup> / tube



Approved total system by the WTCB (B) according to running test programs and technical information.

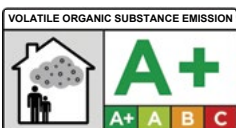
## Preparation:

There is little to no preparation necessary. The product **Reaxyl® ZX-345** is ready to use and can be applied to nearly every surface. Thus surface had to be dust-free, firm and stable. **Reaxyl® ZX-345** can be applied to moist or wet surfaces. Wet morning dew or a frozen surface does not have an influence on the placement. Only avoid ice formation.



## Technical information:

Ready to use, do not mix. No waiting times. You start and finish where you want. Up to 15 minutes correctable. Desired processing temperature +5°C / +40°C. When it is less than +10°C while placing, keep **Reaxyl® ZX-345** on room temperature. Can be placed on frozen surface if the product is kept on room temperature. Colour (standard) grey RAL 7040. Consumption: 30 – 40 brick slips with standard sizes, with one cartouche of 290ml.



## Application:

First read the ECOBEN brochure. Cut the tube open at the spout. Place the short nozzle. Use a standard, mechanic or pneumatic caulk gun to apply **Reaxyl® ZX-345** on the desired brick slip. Apply the **Reaxyl® ZX-345** in two horizontal stripes of 2 à 3mm thick and press directly onto the wall or insulation. The glued brick slip is about 15 minutes correctable.



By 23°C / 50 % rH:

- Skin formation 8 min
- Stick-free after 25 min
- Hard after 12 hours
- Volume shrinkage after hardening < 3%
- Tensile strength: 2,61 N/mm<sup>2</sup>
- Elongation at break DIN 53504 > 350%
- Does not contain isocyanates. Non-toxic. Odourless.

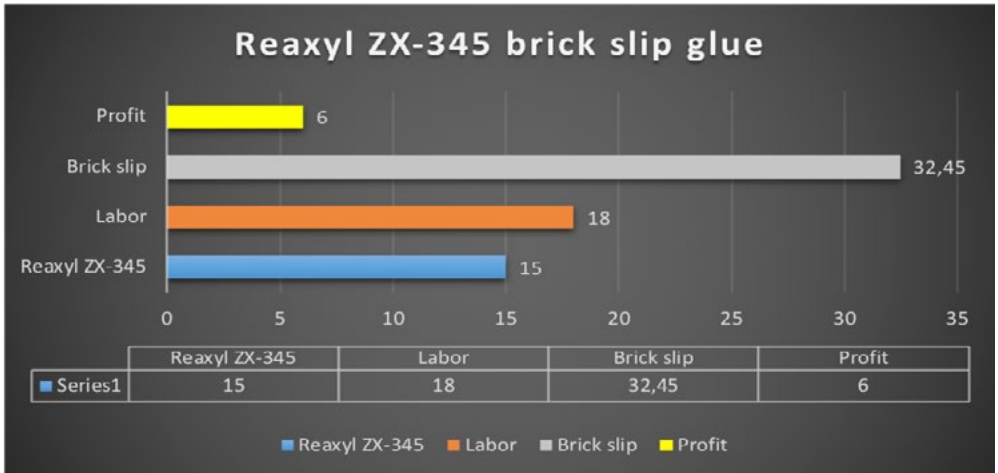
Shelf life, cartouche 290ml, 12 months, cool and dry.

When in doubt please do some tests.

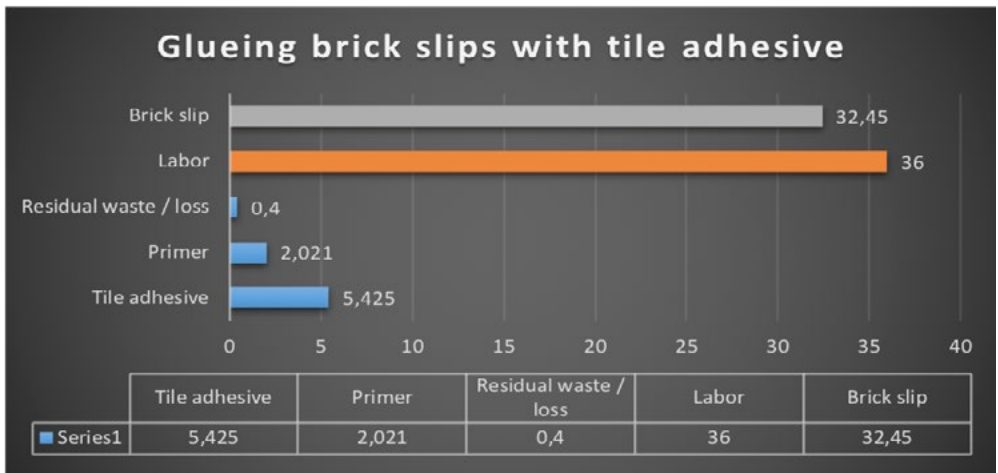
Safety information sheet is available for the professional user on demand.



# Price comparison brick slip glue with tile glue or Reaxyl® ZX-345



To glue brick slips with **Reaxyl® ZX-345** on vapour proof insulation boards you do not need a primer. You do not need to mix the product and you do not have any residual waste. The application itself is quick, under any weather conditions and in all directions. Just glue and stick.



To glue brick slips with a tile glue on a vapour open insulation board, you first need to apply a primer and let it dry. You need to mix the glue, let rest for 3 minutes and mix again. When it rains some hours after placement, you risk the glue washing off. The surplus of the mixture becomes residual waste. The application takes longer, you have to take the weather conditions in account. On certain surfaces the application asks extra attention and specific preparations. With a tile glue you cannot glue on vapour proof insulation boards.

## Important

**Suggestion 1:** First waterproof the ground level zone with **Reaxyl® Base-X 2K**. The absence of a proper waterproofing at the ground level zone is the most common cause of moisture in a house or building. Apply this proofing higher than the finished floor level inside.



**Suggestion 2:** insulate more than the current norm. Before 2021 Europe wants to have insulated every renovation or new building energy neutral.

**Suggestion 3:** take insulation boards provided with a double vapour barrier. This way you prevent condensation in or behind the insulation boards because of the difference in vapour pressure in and outside, winter and summer. Apply the insulation boards with **Reaxyl®** pressure dividing plates for an optimal mounting of the vapour proof insulation boards against the outer facades, without the danger of tearing off the vapour barrier. Galvanised with durable Aluzinc.



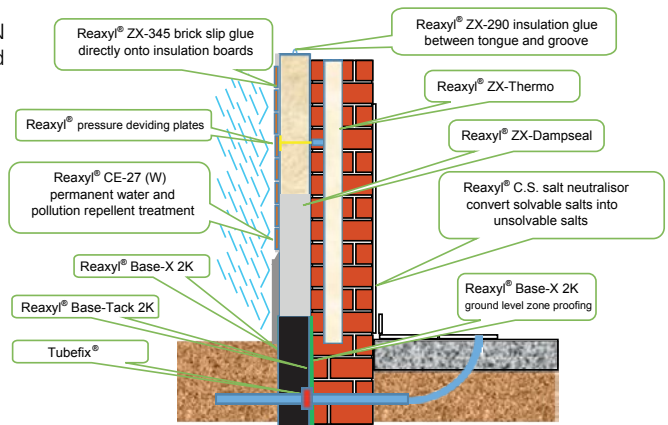
**Suggestion 4:** insulate the foundation also up to -50 cm under the ground level zone. The shortest way of the cold bridge has to be minimum 1 meter. Treat the underground part of the insulation boards first with **Reaxyl® Base-X 2K**.



**Suggestion 5:** treat the finished wall after some weeks with **Reaxyl® CE-27 W**. This keeps the walls frost-free, water and pollution repellent. In wooded areas the wall will turn less quickly green and the natural beauty is contained after treatment. The water repellent treatment prevents that the multi-layered finish on the insulation boards is permanently burdened with moisture and there can occur internal damage or degeneration.

**Suggestion 6:** Read the manual "Moisture control before 2021" on [www.humida.be](http://www.humida.be) and experience yourself what is important for you.

Also read the brochure ECOBEN systems in new buildings and renovations.





“Reaxyl® ZX-345 can also be used for gluing full bricks, without any support, in every direction and on diverse surfaces.”



# Solutions for all your construction problems

webshop

[www.cruysbergghs.com](http://www.cruysbergghs.com)



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