

AKRIL 3000



AKRIL 3000 is a one part sealant based on a water dispersion of acrylic resins. White only just applied, it turns to transparent when dried.

Has the consistency of a paste and can be tooled whilst still wet and cures producing a rubbery, permanently flexible material, with good resistance to weathering, UV light and ageing. It can be applied onto temporary damp materials.

Overpaintable. The sealant has a satisfactory adhesion to most materials used in building, such as concrete, plaster, wood, metals, glass.

Typical uses

- For tiles installation.
- For sealing perimeter joints of door and window frames.

Properties

Base material : polyacrylic resins in water dispersion
Consistency : tixotropic, non-slumping paste

Availability

Code	Colour	Packaging	pcs./box
1007540	transparent	310 ml. cartridge	24

Technical data

Typical properties of uncured sealant

Specific gravity :	1,07 ± 0,05 g/cm ³
Application temperature :	+5°C to +50°C
Skin formation time :	30 - 40 minutes depending on temperature and humidity.
Curing time :	1 - 1,5 mm/24 h depending on temperature, humidity, on the porosity of substrates involved and the joint dimensions.

Typical properties of cured sealant

Volume variation :	-35 ± 2 %
Joint movement capability in service :	20%
Service temperature :	-30°C to +80°C
Elongation at break	> 400%

Overpainting : can be overpainted using wall paints and enamels.
A preliminary test is always recommended.

Values given in this table must not be considered as specifications



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Method of use

Surfaces preparation: joint surfaces should be free from dust and grease. Temporary moist conditions of substrates do not affect adhesion. In case of highly porous surfaces it is recommended to use diluted **AKRIL 3000** as a primer at brushable consistency.

Joint dimensions: minimum joint width 6x6 mm, maximum 25x20 mm. Joints expected to accommodate movements have to be dimensioned so that maximum extension of sealant does not exceed 20%.

For correctly dimensioning deep joints and to provide a joint back on to which the sealant will not adhere, insert into joints a suitable backing material having release properties such as our **FILTENE**, a closed cell polyethylene foam profile.

Application: apply the sealant by extruding it without interruption into the joint and assuring overall contact with the joint sides. Tooling of sealant surface can be done by means of a wet pool.

Notes

Do not apply at a temperature below +5°C.

Exposing the sealant not perfectly dried to frost could irreversibly affect its characteristics.

The product can be affected by heavy rainfalls for at least 6 hours after application.

AKRIL 3000 is not recommended for joints submitted to permanently wet conditions.

Storage stability

12 months from production date in the original container.

Keep the product in a dry place at a temperature range between +5°C/+25°C. **Protect from frost and heat.**