



New Guard Coatings Group

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The information herewith is given with the best of New Guard Coatings Group knowledge.

Rights are reserved to change and update the data without notice.

This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

Technical sheet : Acryl W

Description of the product

USE:

High-quality water-based sealant based on acrylic dispersion.

FEATURES:

After application, the product cures to a soft plasto-elastic rubber due to the evaporation of the water from the sealant. It is paintable with water-based and synthetic paints and is not corrosive towards metals.

RD-Acryl W is water-based, easy to handle, safe and has no fire risks.

Virtually odour free, it does not affect neighbouring occupants and can therefore be used in occupied buildings.

RD-Acryl W has perfect adhesion without use of a primer on most, even slightly damp, substrates. It was specifically developed for sealing connection joints between stairs, walls, ceilings, skirtings, windowsills, wooden and metal window frames, concrete, and brickwork.

SUBSTRATES:

Various plastics, plaster, concrete, cement, wood, metals, coated surfaces, ...

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.

Application instructions

APPLICATION CONDITIONS:

Application temperature +5°C to +40°C / 41°F to 104°F (applies to environment and substrates).

PREPARATION OF THE SUBSTRATE:

All substrates must be solid, clean, dry, and free of grease and dust. Substrates to be cleared of all loose particles, absorbent substrates do not need to be absolutely dry.

Very porous substrates like: gypsum, airated concrete, limestone, etc, need to be primed with a mixture of 1 part Acryl-W and 2 parts water.

Always test adhesion prior to application. Finish and smooth with water.

APPLICATION MEANS:

A joint with the correct dimensions can absorb movements between building materials. The joint depth should always be in the correct relationship of the joint width.

A general rule is the ratio of joint depth to the width of the joint with a joint width up to 10 mm - 3/8 inches is 1:1, with a minimum of 5 mm - ¼ inch in width and depth. For joints wider than 10 mm - 3/8 inches, the depth is the width divided by 3 plus 6 mm - ¼ inch.

DILUTION:

Product is ready-for-use.

DRYING TIME (20°C - 68°F):

Skin formation: 7 minutes

On touch: 15 minutes

Recoatable: 24 hours or when fully dry.

CLEANING OF TOOLS:

Water

Technical data

FINISH (Gardner 60°):

Satin

COLOURS:

White

DENSITY:

1.71 +/- 0.05 g/cm³

VOC CONTENT:

< 50 g/L

FLASH POINT:

Not flammable

STORAGE:

18 months: keep away from heat and frost
Frost resistance during transportation up to -15°C

Norms and tests

| | |
|-------------------------------------|------------------------|
| 100 % modulus DIN 53504 S2 | 0,40 N/mm ² |
| Elongation at break | 240% |
| Flow ISO 7390 | < 2mm |
| Joint movement | 12,5% |
| Shore a hardness DIN 53505/ ISO 868 | 30 |
| Temperature resistance | -20°C to +75°C |
| Tensile strength DIN 53504 | 0,40 N/mm ² |

Safety data

Information related to hygiene and to safety can be found in the Safety Data Sheet available on request.

These specifications are given for information. Since the manufacturer is not able to check the application of the products, he cannot accept any responsibility for it. This technical data sheet replaces all previous editions.

VERS. D012/230214