



CHARACTERISTICS

- Universal MS-polymer based adhesive sealant
- Crystal clear transparency
- Bonding and sealing
- Extremely strong when completely cured
- Bonds also with slightly moist supports
- Does not cause any corrosion in metal joints
- Suitable for use with natural stone
- Solvent and isocyanate free
- Paintable with most water and solvent based paints
- Permanently elastic

APPLICATIONS

- Ideal for all jointing and gluing work where transparency is necessary (eg. sticking handles on glass doors, in bathrooms, kitchens, etc).
- Ideal for “invisible” bonding and sealing of different colored substrates and transparent materials for indoor applications.
- Suitable for sealing seams and connecting joints indoors.
- Bonds without primer on almost all materials used in the construction industry, such as aluminium, galvanized and stainless steel, zinc, copper, natural stone, concrete, brick, HPL panels, treated wood, gypsum, glass, various synthetic materials, etc.

TECHNICAL CHARACTERISTICS	
Basic ingredient	MS polymer
Curing system	By means of humidity
Number of components	1
Skin formation time (23°C and 50% R.V.)	40 min.
Vulcanisation rate (23°C and 50% R.V.)	2,5 - 3 mm/24 h
Density: ISO 1183	1,48 g/ml
Processing temperature	+5°C - +40°C
Shelf life, in the original packing in dry conditions between +5°C - +25°C	12 months
Shore A hardness: ISO 868	40
Joint movement capacity: ISO 11600	25%
Modulus at 100% elongation: ISO 8339	0,8 N/mm ²
Elongation at break: ISO 8339	230%
Modulus at break: ISO 8339	1,1 N/mm ²
Solvent and isocyanate content	0%
Dry matter content	ca. 100%
Temperature resistance	-40°C - +90°C
Extremely good moisture resistance and not sensitive to frost	

PACKING AND COLOURS

12 cartridges of 290ml/box

Colour	Article number	EAN (cartridge)	EAN (box)
White	310023N716031	5413624700891	5413624702031
Black	310023N033031	5413624704363	5413624704370
RAL 7004 signal grey	310023N401031	5413624700907	5413624702048
RAL 7005 mouse grey	310023N257031	5413624704448	5413624704455

METHOD OF USE

Preparation

The materials to be joined must be clean and free from dust and grease. If necessary, degrease using **Rexon 149 Universal Cleaner**, MEK or ethanol. The support must be fixed and rigid enough. The support may be slightly damp. It is advisable to do bonding tests. It is recommended to carry out preliminary tests in order to determine the suitability of the product for its application. Our technical department could be consulted.

Primers

For strongly absorbent supports it is recommended to use **a primer**.

Application

- **As adhesive:** Apply **Rexon 284 MS Construction** with the supplied nozzle in strips or dots to the base or on the element to be bonded. The strips must be applied in vertical rows. Apply the strips parallel to each other, to allow the humidity to reach the adhesive between the strips. Bring together the parts to be joined as quickly as possible, at least within 10 minutes (this depends on the temperature and relative humidity level). The parts can at this stage still be adjusted. Finally, push down one over the other well or tap with a rubber hammer. It is advised to have a gap of 3.2 mm between the parts to be bonded (spacer blocks or pieces of foam tape may be used), to allow the adhesive to smooth out any distortions (especially important in exterior use or under humid conditions). If the adhesive layer does not have to take up any, or only has to take up a slight mutual distortion between the joining parts, a thinner adhesive layer (at least 1.5 mm) will suffice (for example in interior applications).
- **As sealant:** Provide shallow joints (on the floor) with a self-adhesive tape or foam tape to prevent triple-sided bonding. The adhesive depth of the movable joint should amount to approx. 2/3 of the joint width. Joints that are too deep should be filled with suitable filler foam (PE or PU-filler foam). With deep floor joints, it is advisable to use a strong PU-filler foam as back-up material. With floor joints, that are subjected to high mechanical load, the sealant should be applied deep. It is better to apply the sealant at an angle sloping from the floor surface to the adhesive surface (rim sides). The sealant should only bond at the sides of the joint.

Joint dimensions

The necessary width of a dilation joint depends on the temperature fluctuation, properties of the material and the dimensions of the construction elements. Apply at least a joint with a width and depth of 6 mm.

Joint width	Joint depth	Allowed difference
6 mm	6 mm	± 1 mm
8 mm	8 mm	± 1 mm
10 mm	6-8 mm	± 2 mm
15 mm	10 mm	± 2 mm
20 mm	10-12 mm	± 2 mm
25 mm	15 mm	± 3 mm
35 mm	20 mm	± 3 mm
50 mm	30 mm	± 3 mm

Tooling

If desired, smooth finishing can be done using **Rexon 150 Perfect Joint** or a scraper.

Cleaning

Any adhesive that may protrude along the edges can be removed using a stopping knife. Adhesive residue that has not yet dried, can be removed using **Rexon 149 Universal Cleaner**. Dried adhesive must be removed mechanically.

Paintable with most water and solvent based paints. Can be painted wet on wet. After 48 hours, the surface must be cleaned first before it can be painted. Pre-testing is necessary. Alkyd paints require an extended drying time.



Part Code | TGLU20000
Description | ReXon 284 White Adhesive

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SAFETY

Safety data sheet available on request.

LIMITATIONS

Use in well-ventilated rooms. Do not expose to thermal, mechanical or chemical influences before complete curing. Good ventilation is important during application and vulcanisation of the product

- Not suitable for applications with permanent water contact (and in rooms with permanent high relative humidity).
- No adhesion on PE, PP, PA, PTFE (Teflon ®) and bituminous substrates.
- Do not use on polyacrylate et polycarbonate.
- Do not expose to UV exposure for long periods (risk of slight coloration).

TECHNICAL APPROVALS



* Information on the level of emissions of volatile substances in indoor air, presenting a risk of inhalation toxicity, on a class scale ranging from A + (very low emissions) to C (high emissions).