

## RITETACK INSTANT GRAB CONSTRUCTION ADHESIVE

Ritetack is a high-quality instant grip polymer adhesive designed for the building and construction industry. The product is odourless and silicone, solvent, phthalate, PVC and isocyanides free. After application, the Ritetack cures with atmospheric moisture.

### TECHNICAL SPECIFICATIONS (TYPICAL VALUES)

100% MODULUS	1.4MPa (N/mm <sup>2</sup> )
APPLICATION RATE	10g/min
APPLICATION TEMPERATURE	+5°C to +40°C
CURING TIME AFTER 24 HOURS	2-3mm 23°C/55% RF
JOINT MOVEMENT CAPABILITY	±25%
DENSITY	1.56g/ml
ELONGATION AT BREAK	350%
FLOW	< 2mm
FROST RESISTANCE	UP TO -15°C
SHORE A HARDNESS (3s)	60
SKIN FORMATION	10-15 minutes
TEMPERATURE RESISTANCE	-40°C to +100°C
SOLIDS	83%
TENSILE STRENGTH	2.2MPa (N/mm <sup>2</sup> )
PAINTABLE	YES
UV, WATER (SALT & FRESH) & WEATHER RESISTANT	YES

### BENEFITS & ADVANTAGES

- Extreme high initial tack
- Non-staining
- No need for fixings or support during curing
- High strength, high E-modulus and high mechanic resistance
- Zero isocyanates, phthalates, solvents and silicones
- Durable elastic
- No shrinkage and bubble-free
- Non-corrosive to metals
- Neutral curing, almost odourless
- Good resistance to weather and moisture
- Adheres perfectly without primer on most, even damp, surfaces.

### APPLICATIONS

**Applications:** Great for internal and external applications for building and industry situations. Perfect for gluing signage panels, construction panels, skirting boards, windowsills, mirrors and isolating materials. Also used in construction industries such as car bodies, marine, steel fabrication, transport and structural bonding in vibrating constructions.

The above information is given in good faith, but the user should assure himself that the performance of the product is sufficient for his application. The quoted values are average and should not be taken as maximum or minimum values for specific purposes. Eurotech/Rite Adhesives cannot be held responsible for product failure unless full testing has been carried out. The client has to decide on the tape suitability for their own applications.

Materials Ritetack can be used with: Stone, finished timber, concrete, mirrors, natural stone, plaster, porcelain, PS, PU, PVC, Polystyrene, various plastics, ceramic tiles, enamel, copper, lead, zinc, aluminium, stainless steel, anodised aluminium, various metal, HPL, cement fibre boards, wood & glass. Always test prior to application.

### LIMITATIONS

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene, teflon and bituminous substrates.
- Not suitable for continuous exposure to water Not suitable for movement joints.
- Not paintable with alkyd resin paint.
- Must be pre-treated with primer – porous surfaces.

### DIRECTIONS OF USE

It is advised that Ritetack is applied with a heavy-duty applicator, with a ratio of around 26:1. Ritetack has to be applied in volumes relating to material surface and weight of object. Apply Ritetack using the provided V-nozzle in vertical beads with appropriate spacing between them. The 2 materials are then pressed together firmly so that the thickness is no thinner than 3mm. Ritetack should not be applied in dots. If applied correctly, no support is required during curing.

### SURFACE PREPARATIONS AND FINISHING

Application temperature +5°C to +40°C (environment and substrate). For optimal results, make sure surfaces are dry, clean, and solid. In some cases, you will need to apply primer, especially if the surface is porous (brick and concrete). Always perform an adhesion test before application.

### CLEANING

Uncured materials and tools can be cleaned by using an adequate cleaner. Cured material can only be mechanically removed. Hands can be cleaned with wipes. Clean uncured material and tools with an adequate cleaner, and for cured material, mechanical removal is required. **Ritewipes** are perfect for cleaning hands.

### SHELF LIFE

Store Ritetack between +5°C and +25°C in shaded conditions, and it will maintain its quality for up to 18 months when stored as recommended in the original unopened packaging.

### HEALTH AND SAFETY

Your safety is paramount. Please read and understand the Product Safety Data Sheet, available on request and on our websites, before using Ritetack.

**WARRANTY AND GUARANTEE**

The information in this TDS is based on our present knowledge to the date of this publication. This is only a guide for safe use, storage & application and does not establish a legally valid contractual obligation. Rite Adhesives guarantees that the product complies with all specifications, within its shelf life.

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