

# RITETACK

## APPLICATION & USER GUIDE

**Ritetack** is a powerful instant grab adhesive designed to save you both time and money on site. Like all adhesives, its performance depends on applying it the right way. This guide will walk you through the essential steps, from preparing your surface to applying the adhesive and cleaning up, so you get maximum strength and reliability every time.

## MATERIAL COMPATIBILITY

### MASONRY

STONE · ENAMEL · CERAMIC  
CONCRETE · PLASTER  
CEMENT FIBRE BOARDS

### PLASTICS & COMPOSITES

POLYCARBONATE · POLYSTYRENE · PVC  
POLYURETHANE · HPL  
VARIOUS PLASTICS\*

### METALS

ALUMINIUM · STAINLESS STEEL  
COPPER · LEAD · ZINC  
VIRTUALLY ALL METALS

### MINERAL & WOOD

TIMBER · MDF  
GLASS · MIRRORS

Ritetack is a universal, waterproof construction adhesive designed for both **indoor and outdoor use**. It reliably bonds a wide variety of surfaces, making it suitable for construction, industrial, and even automotive applications. From bodywork to structural bonding in vibrating environments, Ritetack delivers strength and durability you can trust.

To ensure maximum performance, **peel tests are fundamental and highly recommended** before full application, confirming compatibility with the specific material or finish you are working with.

## SURFACE PREPARATION

For the strongest bond, always start with a clean surface. Remove dust, oil, grease, or loose particles, and make sure the material is sound enough to hold the adhesive. Ritetack will even adhere to damp surfaces, but preparation is key to achieving maximum strength and durability.

### CHECKLIST

- Remove contaminants
- Ensure base support

## NOZZLE SETUP

Ritetack cartridges come with a **pre-cut "V" nozzle** that delivers the optimum bead size for instant grab.

**Do not cut this tip shorter or make any alterations** — it ensures the right flow and bonding strength.

- ✓ Better application speed control
- ✓ Exact adhesive output



## APPLYING THE ADHESIVE



A **high-thrust ratio application gun** is essential for easy extrusion and to maintain consistent bead size.

Apply **vertical or diagonal beads** (we do not recommend horizontal beads. In most cases, initial grab will be lower, and it is only a viable solution if moisture can dissipate).

**Beads should not touch each other.** This prevents moisture build-up and allows Ritetack to cure properly using atmospheric moisture.

Once applied, press the two surfaces together so the bead compresses to **2–3 mm thickness**. You can still reposition briefly before final setting. After curing, removal is only possible mechanically.

## EXPECTED BONDING STRENGTH

Ritetack's grab power is proven to hold:

- ✓ Up to 200kg/m<sup>2</sup> – vertically
- ✓ Up to 1000kg/m<sup>2</sup> – horizontally

These figures are **lab conditions assuming full adhesive coverage**. In real-world use, coverage and load distribution matter, so always apply beads correctly and generously.

### Real-life Examples

**ACM** 15kg, 1m x 2m – Requires 5 vertical beads

**BRICK** 5kg, 0.2m x 0.2m – 5 vertical beads

For **ceiling applications** much less adhesive is required when compared to vertical loads. Still make sure application method follows our guidelines.