

# Ultrabond Tape

Double sided tape for permanent bonding

Watco Ultrabond Tape replaces conventional adhesives and mechanical fixings for a range of substrates including metal, sealed concrete, masonry, wooden surfaces, ceramics, GRP (fibreglass) and plastics. The bonding power of this remarkable tape makes it ideal for mounting and fixing all sorts of things around the workplace. Use with Watco Firmstep<sup>®</sup> GRP Step Covers and Sheets for a quick and easy installation.



**Areas of use:**

- Mounting signs, mirrors or brackets on walls
- Mounting cladding, skirting and architrave
- Permanently fixing broken fixtures or equipment
- Where items would have otherwise been drilled, rawl plugged and screw fixed

**Features:**

- Takes hold instantly
- Resists moisture and UV
- Replaces conventional fixings
- Easy to cut and apply
- Cushioned foam backing copes with lightly textured substrates
- Full bond strength achieved in 24 hours
- Independently tested for adhesion strength

## Need help? Speak to the experts

Our dedicated and professional team are here to help you get the best results for your project. They will talk you through the preparation and application stages when using **Ultrabond Tape**.

**Call our expert team on: 01483 418 418** (Weekdays 8:00am - 5:30pm. Saturday 9:00am - 12:00pm)



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## 1 Surface Preparation

Area must be dry and clean. Clean with solvent wipe provided or a damp cloth but allow the surface to dry before application. before application.

## 2 Unsealed Surfaces

The tape will not bond to gritty, unsealed surfaces. For adhesion to unsealed concrete, brick, stone or similar surfaces, first prime with Watco Tape Primer. This rapid drying solvent based binding primer penetrates and binds dusty surfaces and can be overlaid with Ultrabond Tape in as little as 30 minutes.

## 3 Application

Apply tape to one surface and cut to length. Remove the red backing tape. Allow the item that you are bonding to make light contact with the tape. If it needs repositioning carefully remove and correct it. Press firmly into place. If bonding a lightweight object the tape will 'grab' and hold immediately. If mounting a heavy object, it may require support for up to 24 hours until the adhesive gains full strength.

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## Specification

<b>Composition</b>	Durable acrylic foam with a pressure sensitive adhesive.
<b>Number of Components</b>	1
<b>Usage Interior/Exterior</b>	Exterior & interior.
<b>Application Tools</b>	Sharp bladed knife.
<b>Suitable For</b>	Smooth or lightly textured and painted/sealed surfaces. Sealed concrete, blocks and bricks, plastics, wood, composites, metals, glass and painted surfaces.
<b>Pack Size</b>	3 x 10m rolls, 25mm wide, 1.5mm thick.
<b>Adhesive Setting Time</b>	At 15°C - 25°C, the adhesive sets rapidly for 1 - 2 hours and then sets more gradually over 24 hours. Allow 24 hours before testing that full adhesion has been achieved.
<b>Shelf Life</b>	24 months.
<b>Storage</b>	Store and use at temperatures above 10°C.

## TEST RESULTS

Subject	Result	Test Method
Adhesive	Acrylic	
Carrier	Acrylic Foam	
Colour	Grey	
Total thickness (mm)	1.50 ± 50µm	ASTM-1000
Release liner	Red PE	
Tensile strength (gf/cm <sup>2</sup> )	6,000	ASTM D-897
Peel adhesion (gf/25mm)	4,500	ASTM D-3330
Holding power	≥24 hour	ASTM D-3654
Dynamic shear strength (gf/cm <sup>2</sup> )	Before 20 minutes ≥4,000, after 24 hours ≥6,000	ASTM D1002
Temperature max	≥100°C	