

Flexbond AC500

Acrylic adhesive for long-term installation



DESCRIPTION

Flexbond AC500 is a non-sag, all-purpose construction adhesive for long-term fixing, for all materials (without PE, PP, PTFE). Bonding a wide variety materials such as wood, gypsum, chipboard, MDF, XPS, EPS, polyurethane, ceramic tiles.

APPLICATIONS

- » Sealing joints between window frames and the wall around the door frames and windows joints in parquet flooring, paneling, etc.
- » Adhesive for durable installation of moldings, baseboards, acoustic and decorative panels and elements.
- » Bonds porous materials such as cork, wood, polystyrene, plaster, concrete, stone, ceramics, polyurethane, etc.

ADVANTAGES

- » Solvent-free.
- » Environmental friendly.
- » Odourless.
- » All purpose.
- » Excellent adhesion.
- » Waterproof.
- » Paintable after cure.

METHOD OF USE

- » Clean the surfaces from dust, grease and loose particles.
- » Dry.
- » Flexbond AC500 is applied with the use of a caulk-gun.
- » Cut the nozzle at 45°.
- » Apply adhesive strips or wavy over the entire surface. Use the notched trowel if you need.
- » Place the item in the required position. Tightly press and hold for 10 seconds.
- » Consolidate the element if needs in first 2 - 24 hours until the glue set.

Notes:

- » *Flexbond AC500 is not applicable for PE, PP, PTFE.*
- » *Make a preliminary test for adhesion.*
- » *Working temperature: 5 to 40°C.*
- » *Time for repairs: 20 - 30 minutes @ 23°C.*

TECHNICAL PROPERTIES @ 23°C & 55% RH:

Colour:	White
Density:	1.6 g/ml \pm 3%
Application temperature:	5 to 30°C
Adhesion with XPS:	0.39 N/mm ²
Adhesion with EPS:	0.28 N/mm ²
Adhesion with concrete:	3.0 N/mm ²
Adhesion with parquet:	1.0 N/mm ²
Adhesion with PVC:	0.05 N/mm ²
Skinning time:	20 - 30 min

BOND STRENGTH* (ASTM D1002):

Tiles:	0.61 MPa
Porcelain:	0.75 MPa
Plaster:	1.03 MPa
Wood:	1.40 MPa
Glass:	0.41 MPa
Steel:	1.15 MPa
Sheet metal:	1.98 MPa
Aluminum:	0.88 MPa
Aluminum with powder coating:	0.23 MPa

* on the 7th day.

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PACKAGING

Flexbond AC500 is available in 280 ml cartridges, 12 pcs in a box. Polyethylene nozzles are included in each box.

STORAGE

Flexbond AC500 should be stored in original unopened packages at temperatures between 5°C and 30°C in a dry place.

SHELF LIFE

Flexbond AC500 has a shelf life of 24 months from date of manufacture if stored under the recommended conditions.

If these conditions are exceeded, contact DCP Technical Department for advice.

CAUTIONS

HEALTH AND SAFETY

Keep it away from children. Product is non-hazardous once cured.

For further information, refer to the Material Safety Data Sheet.

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- » Protective coatings.
- » Sealants.
- » Waterproofing.
- » Adhesives.
- » Tile adhesives and grouts.
- » Building products.
- » Structural strengthening.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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