

BACK BLOCKING ADHESIVE

Plaster-Based Adhesive



Specification	Feature
Colour	Yellow
Working Time	Approximately 120 mins
Packaging	20 kg bag
VOC	Less than 3 g per litre
Manufacture	Manufactured in Australia to the requirement of ASTM C474-15:2020 - Standard Test Methods for Joint Treatment Materials for Gypsum Board Construction and in accordance with AS/NZS ISO 9001:2015 - Quality Management Systems - Requirement

Avoid

- Avoid using on hot, windy days where there is a risk of early dry out
- The inclusion of other materials to the mix will impair performance (e.g. reduced strength and poor adhesion) and void the product warranty
- Do not overmix product, as this may reduce working time
- Always back-block prior to setting the joints
- Back blocking pieces should not be cut tight between the framing members
- Once setting has commenced the material cannot be remixed and must be discarded
- Ensure Back Blocking Adhesive has set and is completely dry prior to taping the joint

Description

Back Blocking Adhesive is a plaster-based setting compound specially formulated for Back Blocking ceiling or wall joints. Back Blocking is a mandatory fixing practice described in AS/NZS 2589:2017 Gypsum linings – Application and finishing. Back Blocking reinforces plasterboard joints and minimises cracking and peaking resulting from building movement.

Advantages

- Long working time
- Mixes easily to a creamy, lump-free gauge
- Excellent wet tack
- Excellent adhesion and water retention

Mixing

- Always use clean, cold, potable water, along with clean containers and tools for mixing. Using dirty containers, water, or tools may negatively impact the working time and set strength
- Do not mix with residues of previously used compounds
- Always add Back Blocking Adhesive powder to water (4 kg of powder to 3 L of water)
- Mix only enough compound for stated working time when using setting compounds
- Mix by hand or with a power mixer (max of 400 RPM – mixing at higher speeds may draw air into the mix, creating air bubbles). Mix until a smooth workable paste has been achieved

Key



1st Coat
& Taping



Finishing



Mechanical
& Hand Tools



Bonding



2nd Coat



Sandable



Patching

Application

- Plasterboard surfaces must be clean and free from dust
- Ensure all joints are flush prior to Back Blocking
- Cut pieces of plasterboard sheet to sizes no less than 200 mm wide for recessed joints and 400 mm wide for butt joints that will fit loosely between the framing members. The gap at each end must be no greater than 30 mm
- Back Blocking Adhesive should be applied over the full face of the plasterboard pieces, using a 6 mm notched trowel, to form beads of adhesive paste at right angles to the joint
- Fix plasterboard sheets horizontally to framing members, placing the back-blocks centrally along the full length of the sheet's edge. Ensure an overhang of at least 100 mm for the bonding to the next sheet
- Fix the next sheets immediately after the back-blocks are in place
- Alternatively, ceiling back-blocks may be cemented into position from above the ceiling after the sheets have been fixed and before they are flush jointed
- Ensure all butt joints are raised, forming a recess, prior to Back Blocking
- Thoroughly clean all tools and equipment after use

Installation, Jointing and Finishing

Knauf has a comprehensive range of jointing and adhesives compounds in premixed or powder form to meet market needs and varying climatic conditions. Apply appropriate painting system or other finishes as recommended for the required level of finish and application. This product data sheet does not provide plasterboard installation, jointing and finishing details. Refer to Knauf Plasterboard Installation Manual or knauf.com for further information.

References

For detailed information on Volatile Organic Compound (VOC) emissions, please visit knauf.com.

Storage

- Back Blocking Adhesive should be stored under cover in a dry environment and protected from temperature extremes; storage in an unsuitable environment can shorten the life of this product
- It is recommended that Back Blocking Adhesive is used before the best before date displayed on the bag

Safety and First Aid

- Dust from this product contains silica. Prolonged inhalation may be harmful to health
- Ensure adequate ventilation. Wear eye protection and an approved disposable respirator which conforms to AS1716: 2012 Type P2
- If dust or paste causes irritation use impervious PVC, nitrile or rubber gloves. Wash exposed skin after handling. If product gets into the eyes, wash thoroughly with clean water
- Do not ingest contents of package. If ingested, seek medical advice immediately
- Keep contents out of reach of children

For detailed safety information, including handling and first aid guidance, please visit the relevant product page on knauf.com to access the safety datasheet and additional resources.

Handy Links



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Range Of
Compounds
& Adhesives



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Technical Assistance

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Sales Enquiries

1800 003 377

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