



Product Data Sheet

ASMACO FIBERGLASS MESH SELF ADHESIVE TAPE

Self-Adhesive High-Strength Reinforcement for Gypsum Board Joints and Plaster Repairs

Description: ASMACO FIBERGLASS MESH SELF ADHESIVE TAPE is a premium-quality, self-adhesive reinforcing tape manufactured from woven fiberglass mesh and coated with a pressure-sensitive acrylic adhesive. It is designed to provide reliable reinforcement, dimensional stability, and excellent resistance to cracking in joint treatment and repair systems. The open-weave mesh construction promotes effective penetration and mechanical interlocking with joint compounds, plasters, and repair fillers, resulting in enhanced bond strength and long-term durability. The self-adhesive backing enables quick positioning and easy application without the need for pre-bedding, while the high-tensile fiberglass reinforcement helps distribute stress and minimise joint movement. The tape is alkali-resistant, rot-proof, and dimensionally stable, making it suitable for long-lasting reinforcement under normal interior service conditions. It is easy to cut, handle, and apply, providing clean, efficient, and professional installation.



KEY PERFORMANCE PROPERTIES

- High-strength woven fiberglass mesh for effective joint reinforcement
- Self-adhesive acrylic coating for quick and easy application
- Excellent tensile strength to reinforce joints and minimise cracking
- Open-weave construction promotes superior penetration and bonding with joint compounds
- Alkali-resistant fiberglass for long-term durability in cementitious and gypsum-based systems
- Excellent dimensional stability with low shrinkage and distortion
- High resistance to tearing, splitting, and edge fraying during application
- Provides uniform stress distribution across joints and repaired areas
- Conforms easily to flat, curved, and irregular surfaces
- Rot-proof, corrosion-resistant, and non-rusting fiberglass construction
- Easy to cut, handle, and position for efficient installation
- Compatible with most gypsum-based joint compounds, fillers, and plasters
- Suitable for manual application without the need for pre-bedding
- Delivers durable reinforcement for long-lasting joint integrity under normal service conditions

AREAS OF APPLICATION

- Reinforcement of gypsum board (drywall) joints and seams
- Repair of cracks, holes, and damaged areas in drywall and plaster surfaces

- Joint treatment prior to the application of joint compounds and finishing plasters
- Reinforcement of internal wall and ceiling joints in drywall construction
- Patching and restoration of damaged gypsum board panels
- Reinforcement of joints in cement board and fibre cement panels
- Crack bridging in gypsum plaster, cement-based plaster, and rendered surfaces
- Reinforcement around door frames, window corners, and other stress-prone areas
- Repair and maintenance of interior walls and ceilings in residential, commercial, and institutional buildings
- Joint reinforcement in renovation, refurbishment, and maintenance projects
- Suitable for new construction and repair applications requiring reliable joint reinforcement and crack control
- Recommended for interior applications where durable reinforcement and long-term joint stability are required

METHOD OF APPLICATION

Surface Preparation

Ensure the gypsum board, cement board, plaster, or repair surface is clean, dry, structurally sound, and free from dust, loose particles, grease, oil, paint flakes, curing compounds, or any contaminants that may affect adhesion. Repair any loose or damaged substrate before tape installation.

Tape Application

Measure and cut the required length of tape. Position the self-adhesive fiberglass mesh tape centrally over the drywall joint, crack, or repair area. Apply the tape directly onto the surface using light hand pressure, ensuring the mesh remains straight and wrinkle-free. Do not stretch the tape during application, as excessive tension may reduce reinforcement effectiveness.

Joint Compound Application

Apply a suitable gypsum joint compound, plaster, or repair filler over the tape using a jointing knife or trowel. Press the compound firmly through the open-weave fiberglass mesh to ensure complete embedment and intimate contact with the substrate. Remove excess material and feather the edges to obtain a smooth transition with the surrounding surface.



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Additional Coats

Allow the first coat of joint compound to dry completely in accordance with the manufacturer's recommendations. Apply one or more finishing coats as required, feathering each coat progressively wider than the previous application to produce a smooth, uniform finish. Allow each coat to dry thoroughly before sanding or applying subsequent coats.

Finishing

Once the final coat has completely dried, lightly sand the surface to achieve the desired finish. Remove all sanding dust before applying primer, paint, wallpaper, or other decorative finishes in accordance with the coating manufacturer's recommendations.

Storage Recommendation

Store the tape in its original packaging in a cool, dry, and well-ventilated area, protected from direct sunlight, excessive heat, moisture, and dust. Recommended storage temperature is **10°C to 40°C**. Keep the rolls clean and dry, and use materials on a **First-In, First-Out (FIFO)** basis for optimum performance.

Important Note

The self-adhesive backing is intended to hold the fiberglass mesh in position during installation and does not replace the need for a compatible joint compound or plaster. For optimum reinforcement, ensure the tape is fully embedded within the joint compound or repair material and follow the joint compound manufacturer's application and drying recommendations.

AVAILABLE SIZE & PACKAGING

Width (mm)	Standard Roll Length M	PACKAGING
2" (50.8mm)	100 Yard (91.44 meter)	30 pcs / Carton
Special Sizes: Jumbo Roll, and customized dimensions Width × Length – availability on request based on Minimum Order Quantity (MOQ)		

HEALTH & SAFETY

- Avoid Skin Contact with Adhesive.
- Use in Well-Ventilated Areas.
- Keep Away from Heat and Flames.
- Do Not Ingest.
- Adhesive Removal.
- Keep Out of Reach of Children and Pets.

CLEAN UP

Any adhesive residue from **ASMACO FIBERGLASS MESH SELF ADHESIVE TAPE** can be removed by **ASMACO STICKER & LABEL REMOVER** spray.

STORAGE & SHELF LIFE

ASMACO FIBERGLASS MESH SELF ADHESIVE TAPE has a shelf life of 12 months from production date when stored in its original packaging at temperatures between 5°C and 25°C.

TECHNICAL PROPERTIES

DESCRIPTION	UNIT	STANDARDS
Color	Creamy	—
Nominal Mass	60 g /m ²	—
Mesh Spacing	3.2 X 3.2 mm, (1/8" x 1/8")	—
Adhesive	Water Based Acrylic Adhesive	—

CERTIFICATIONS





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Regional Compliance Notice

Please note that regulatory requirements may vary from one region to another. As a result, product information and recommended applications may differ between countries. For accurate and up-to-date details on product specifications and approved uses, and for any technical guidance, please contact ANCHOR ALLIED FACTORY L.L.C. SHARJAH, UAE Technical Department.

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ANCHOR ALLIED FACTORY L.L.C.

Industrial Area 15 | P.O.BOX, 21152 Sharjah, UAE



+971 6 5342091



+971 6 5342107



www.anchorallied.com



info@anchorallied.com