

Rigid boards



When rigid boards are technical...

ADFORS PROVIDES...

reinforcing fabrics made of glass or polymer fibre: veils, meshes, scrims and combinations hereof. Many years of experience allow ADFORS to provide customized solutions to construction board manufacturers, including gypsum board facing, cement board reinforcement and foam board reinforcement.

Your needs, our solutions

GYPSUM BOARD

We supply glass veils and coated veils used as facers for the production of paperless gypsum boards.

Paperless gypsum panels are highly mould resistant and ideal for moisture-prone interior walls, in areas such as basements and residential bathrooms, as well as exterior sheathing.

Glass veil reinforced panels are also used for fire resistant gypsum boards, for commercial or public buildings.

Our Product Offer:

- ▶ **Coated glass veil** surfacing the boards used in wet environments.

We provide a glass veil coated on one side with polymer and mineral based paste. The fibrous side allows optimal adhesion with the gypsum. We offer colored coated mat and printed logo to allow our customers a better differentiation.

- ▶ **Plain veil** embedded in the surface of the gypsum boards used for fire protective construction elements.

These veils are highly compatible with the processing on the gypsum board production line; and contributes greatly to the mechanical, mould and fire properties of the boards.

- ▶ **Laid scrim** at the surface of the boards used for specific external sheathing application.

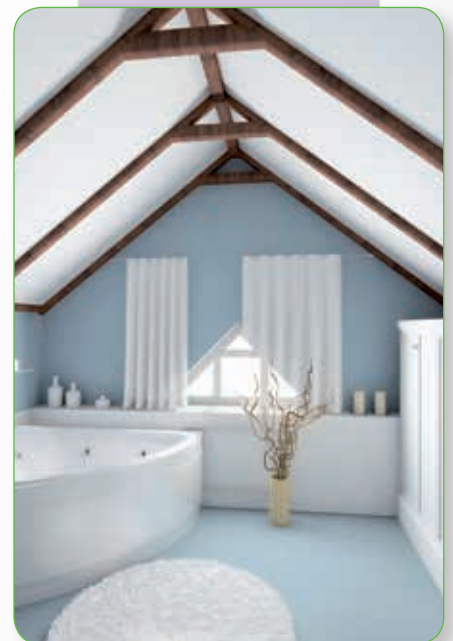
CEMENT BOARD

Cement board is an extremely durable building material, providing a solid substrate for wet areas such as bathrooms, showers, kitchens, swimming pools. It also brings significant fire safety benefits, as well as long-lasting protection.

Our products are used by cement board producers to reinforce their boards. They are highly alkali and water resistant and provide outstanding durability, plus excellent adhesion between cement and scrim. They bring dimensional stability and mechanical strength and are mould and fire resistant.

Our Product Offer:

- ▶ **Laid scrim** with PVC high alkali resistant coating.
- ▶ **TwinFab®** (glass or polypropylene non woven/glass scrim) with PVC alkali resistant coating: this combination is impermeable to the slurry.



Your needs, our solutions

FOAM BOARD

This support element made of polystyrene hard-foam with a mortar coating is reinforced on both sides with open woven fabric or laid scrim.

Main applications are wall cladding, floor structures, upgrading bathroom and wellness facilities. Foam boards can be used not only as carriers for walls but also as floors for showers, whole interiors including benches in steam baths, etc.

Our Product Offer:

- ▶ **Open woven fabric** with alkali resistant coating.

This solution guarantees a flexible reinforcement of the mortar and provide a strong carrier for the ceramic tiles, slabs or natural stone.



JOINTING TAPE

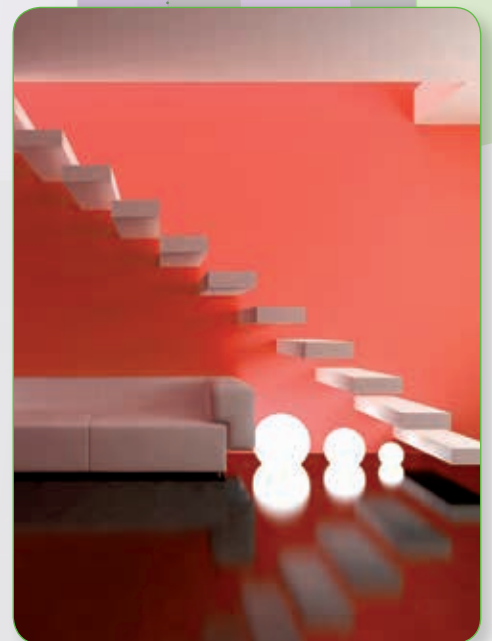
Glass based **non woven jointing tape** is used to replace traditional paper tape for jointing gypsum boards.

Paperless wall reinforcement is engineered with a porous, open fibre design. It allows joint compound, plaster or setting-type compound to flow through.

This open non woven enables a good bonding between the compound and the underlying work surface, for a smooth, uniform finish.

Our Product Offer:

- ▶ **Master rolls** to slitters and converters making paperless tapes. Our glass veil has a quick slurry penetration, for an easy application. Formaldehyde free and soft touch binders are used to increase applicators security and comfort.



Our main references for rigid boards

GYPSUM BOARDS

Product reference	Binder type	Gramm weight (g/m ²)	Specifications	Type of reinforcement
U85 /1	Modified UF	85	13μ fibres	Glass veil
AW M 70 /3	Acrylic	70	16μ fibres	Formaldehyde free glass veil
U M 70 /3	UF	70	16μ fibres	Glass veil
KG 22	UF	390	Glass veil + mineral coating	Coated veil facers
KG 40	UF	320	Glass veil + mineral coating	Coated veil facers

CEMENT BOARDS

Product reference	Coating	Gramm weight total (g/m ²)	Tensile strength MDxCD (N/5cm)	Type of reinforcement
GD8811/V38/V38	Alkali resistant PVC	3,15 x 3	570 x 534	Laid scrim
GD8311/V38/V38/0,9 lb	Alkali resistant PVC	119	1000 x 350	Complex: scrim/non woven
GD10311/V38/V38/0,9 lb	Alkali resistant PVC	133	1250 x 380	

JOINTING TAPES

Product reference	Binder type	Gramm weight total (g/m ²)	Specifications	Type of reinforcement
AW 032 /2	Acrylic	35	13μ fibres	Glass veil

FOAM BOARDS

Product reference	Coating	Gramm weight total (g/m ²)	Tensile strength MDxCD (N/5cm)	Type of reinforcement
R42 A101	Alkali resistant SBR	52	1000 x 500	Open woven fabrics
R70 A101	Alkali resistant SBR	84	1300 x 800	
R79 A101	Alkali resistant SBR	98	1350 x 1150	



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ADFORS designs and produces innovative textile solutions for reinforcement in the construction & industrial markets. With an experience over 50 years, ADFORS benefits from a strong expertise in glass fiber technology through its VETROTEX® business, an extended knowledge in weaving & coating and a wide offering of fabrics.