

# Fiberock<sup>®</sup>

Aqua Tough<sup>™</sup> Abuse Resistant Panels

**USG BORAL**  
INNOVATION INSPIRED BY YOU.™



## Fiberock<sup>®</sup> Performance Interior Lining Systems

**A unique Aqua Tough<sup>™</sup> & Abuse Resistant Product for interior linings with unique 3 in 1 advantages**

Superior Strength

High Performance

Multiple Finishing Options

(Hard Laminates; Wood Veneer; Tiles; Wall Paper; Paints)



# Product Features

**Aqua-Tough™:** FIBEROCK® AT AR (Aqua-Tough & Abuse Resistant) panels open up a whole new possibility of substrate performance.

Fiberock's innovative composition provides effective water, mold and indentation resistance that no other drywall solution can match.

- **Water Resistant:** FIBEROCK® AT AR is water resistant and suitable for use in wet areas, showers and tub surroundings. When tested as per BS 1230 for water absorption, Fiberock achieves less than 5% water absorption. With no paper face to delaminate, tear or scratch, Fiberock maintains its integrity even when wet.
- **Mold Resistant:** FIBEROCK® AT AR earns the highest score, 10, when tested as per ASTM D3273 (Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber).

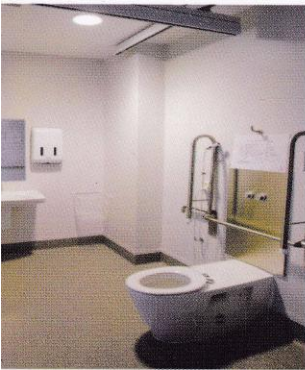
**Abuse Resistant:** FIBEROCK® AT AR is engineered to provide increased resistance to abrasion, indentation and penetration for interior walls and ceilings. They resist denting, breaking, and puncturing even in high-traffic areas.

## Strength:

- **Flexural strength:** When tested as per ASTM C473 the Flexural Strength for a 12.7mm thick FIBEROCK® AT AR panel scores 490 Newton (either directions). When tested as per BS 5234, the FIBEROCK® AT AR panel assemblies qualify for Severe Duty ratings.
- **Load carrying Capacity:** FIBEROCK® AT AR has a tough core. 13mm thick FIBEROCK® AT AR linings can take loads of up to 15kg per screw at the screw head, (16 mm can take 16kg and 9.5 mm board can take 10kg).
- **Nail Head Pull resistance** is 535 Newton's when tested as per ASTM C474.

**Acoustics:** FIBEROCK® AT AR is very effective at reducing sound transmission, as it combines high mass with very high stiffness. FIBEROCK® AT AR systems provides Sound insulation from 39 Rw to up to 56 Rw.

**Fire Resistance:** The absence of a paper surface combined with the mineral core results in surface fire resistance properties, apart from being an effective room to room fire barrier. It meets the ASTM standards when tested as per E84 for Surface Burning Characteristics.



# Finishing

FIBEROCK® eliminates virtually all surface finish compatibility constraints. It is the ideal substrate for the following finishing options-

**Painting:** For paint finishes FIBEROCK® AT AR provides stronger and flatter joints creating the necessary foundation for a quality finish. The pre-sealed surface provides even suction for the paint resulting in even coverage and smooth finish.

**Lamination:** Most hard & soft laminates can be bonded to FIBEROCK® as there is no risk of delamination. Also for wallpaper and vinyl laminates the pre-sealed surface enhances removal capability when renovating.

**Tiling:** For tile finishes the pre-sealed surface gives excellent adhesive bonding and the high dimensional stability reduces any risk of grout or tile popping or cracking.

FIBEROCK® AT AR panels are finished with a factory baked clear sealer. The surface is very smooth & ideal for finishing systems.