

BREATHABOARD SET TO MAKE AN IMPACT ON THE WALLBOARD INDUSTRY

Breathaboard has been tested by independent UKAS accredited laboratories and can be fully compliant with EN 520 in all applicable performance criteria.



ALLOWS BUILDINGS TO BREATHE SUPPORTING HEALTHY INDOOR AIR

Breathaboard was tested to BS EN ISO 12572 and achieved a water vapour resistance factor of 9.23 μ (dry) and 6.13 μ (wet). Testing was conducted by BRE.

EXCEEDS STRENGTH REQUIREMENT WITH 318N TRANSVERSE & 605N LONGITUDINAL BREAKING LOADS

Breathaboard was tested to BS EN 520:2004+A1:2009. It achieved transverse strength of 318N and longitudinal strength of 605N, surpassing the minimum requirements for standard wallboards. Testing was conducted by BRE.



CAN WITHSTAND FIRE EXPOSURE WITH A CLASS B-S1, D0 RATING

Breathaboard was tested to EN13501-1:2019 and achieved Class B-s1, d0. This means it produces little to no smoke (s1) and no flaming droplets (d0), exceeding building regulation requirements in England and Scotland. Testing was conducted by BRE.

ABLE TO PROVIDE 30 MINS OF INTEGRITY AND INSULATION AGAINST FIRE

Breathaboard was tested to BS476:22. It achieved 30 minutes of integrity and insulation, meaning it can contain fire for this duration, meeting the required safety standards for internal walls. Testing was conducted by Warringtonfire.

CAN IMPROVE ENERGY EFFICIENCY WITH A THERMAL CONDUCTIVITY OF 0.18 W/MK

Breathaboard was tested to BS EN 12664. It achieved a thermal conductivity of 0.18 W/mK and contributes to energy performance of a building. This means it can help reduce heat loss in buildings, improving energy efficiency. Testing was conducted by Salford University.

CAN REDUCE AIRBORNE NOISE BY UP TO 42 DB

Breathaboard was tested to BS EN ISO 10140-2 and achieved an airborne sound reduction of 42 dB Rw, exceeding the 40 dB minimum requirement for internal residential walls. Testing was conducted by SRL.

