

PRIMING, SEALING, PAINTING AND RENDERING MANUAL

FireCrunch MgSO₄, Fireproof Cladding Products

NATA Labs Australia Fire Tested Systems AS1530.4 -2014 and more



T: 1300 933 102

Please email orders to sales@firecrunch.com.au

 FIRE TESTED BY NATA / CSIRO & OTHERS



firecrunch.com.au

NATA
CERTIFIED
NO METAL
CORROSIVE
CHLORIDE
MgSO₄
Sulphate Board

PRIMING, SEALING, PAINTING AND RENDERING

Murobond Sealer

K-CLAD WALLS & K-DECK 16DK Decking 2024

IMPORTANT: PLEASE READ CAREFULLY AS THE WARRANTY WE PROVIDE REQUIRES THESE PROCEDURES TO BE FOLLOWED:

FireCrunch is a MAGNESIUM OXIDE SULPHATE-COMPOSITE FIRE BOARD, with amazing resistance to fire attack resisting over 1000 deg c for 1.5 hours with a single 10mm sheet facing the fire attack side.

It has been extensively tested by NATA Labs CSIRO under AS 1530.4-2014 to the required levels of the BCA/ABCB and latest NCC 2022, meeting the required very high Australian standards in the areas tested covering 90% of fire protection use.

The makeup of these unique FCA composites, however, results in a virtual non-organic material that actually has a draw and release capability of moisture. So it will absorb moisture on the internal side, for any damp conditions while preventing growth of mold, mildew, OR BACTERIA, which cannot survive on MgSO₄, then rapidly release it in dry, warm conditions.

THE MgSO₄ IS VIRTUALLY NON-ORGANIC, RETAINS FULL STRENGTH, AND UNLIKE PLASTERBOARD IS 100% INERT IN WATER OR FLOODING. JUST CLEAN UP AND PAINT, NO MORE WALL PLASTERBOARD LOSSES.

Therefore, it is ideal for WET AREAS and homes in high areas of humidity. However, while we need the material to act in this way, we don't want water to penetrate the exterior sides and expose them to the weather.

The special BONDER sealer, known as MUROBOND MS, is highly water repellent and seals AND BONDS the board's exterior side from rain and flooding. This prevents ANY excess internal moisture build-up and unwanted surface chemical interactions that could otherwise affect the final painted or rendered finish.

INSTRUCTIONS PRIMER SEALER + PAINTING WALLS AND EXTERIOR DECKING

FireCrunch is a fire and top-quality surface finish board that delivers a minimum class 4 finish for paint application. For decking also use the final top coat, TreadRite a clear P3 non-slip, hard-wearing surface application, see ref below (internal/external FCA warranty).



First ensure the surface is dust-free and clean, THEN PRIME THEM WITH MUROBOND MINERAL SILICATE (MS). DO NOT ALLOW BOARDS TO BE EXPOSED TO WEATHER (Warranty) SO PRIME BEFORE ERECTION TO FRAMES AND ENSURE BOARD HYDRATION IS NOT MORE THAN 10% WHEN PRIMING AND PAINTING.

1st STEP

Murobond MS, primer-sealer (interior and exteriors).

NOTE: Use Murobond primer MS on the outside facing side of the board and sides only. YOU CAN SELECT EITHER SIDE TO PRIME AND PAINT FOR OUTER PROTECTION THEN AFTER SET AND CURING to manufacturer's instructions.

2nd STEP

Apply 2 COATS Dulux weathershield or similar water-based paints to paint over Murobond (MS) to manufacturer's instructions.

3rd STEP

Apply Tread Rite clear protection, FINAL HARD SEAL COATING, P3 NON SLIP and UV protection for painted decking surfaces (See Bunnings Stores for supply Tread Rite). Coverage 7-9 m²/litre.

FireCrunch supplies the MUROBOND PRIMER in 4L, 10L and 15L pails AND IS TO BE USED FOR ALL INTERIOR AND EXTERIOR FIRECRUNCH SURFACES BEFORE PAINTING. Coverage allow 8m²/litre.

MUROBOND sealer primer is obtainable on order from FireCrunch Australasia. A Top Class 4/5 commercial finish is then obtained; using the above instructions.

See also: <https://www.firecrunch.com.au/recommended-products/>

*Warranty: See Technical and Certifications section on website <https://firecrunch.com.au/certifications/>

technical@firecrunch.com.au

P 1300 933 102

ENDS/DATA /MB/AUST/2024