



SEALING & PRIMING & PAINTING, RENDERING Manual FireCrunch MgSO₄, Fireproof Cladding Products

NATA Labs Australia Fire Tested Systems **AS1530.4** and more



T: 1300 933 102

Please email orders to sales@firecrunch.com.au

 FIRE TESTED BY NATA / CSIRO & OTHERS



firecrunch.com.au



PRIMING , SEALING, PAINTING AND RENDERING

AquaCrunch Sealer

FireCrunch (MgSO₄), Fireproof Cladding Products

IMPORTANT:

PLEASE READ CAREFULLY AS THE WARRANTY WE PROVIDE REQUIRES THIS PROCEDURE TO BE FOLLOWED.

FireCrunch is a magnesium based fire board (MgSO₄) Non Chloride, Sulphate composite with amazing resistance to fire attack (CSIRO) resisting over 1000 deg c for up to 1.5 hours with a single 10mm sheet each side of the 90x45mm stud frame facing the fire attack side. For Higher FRL over 90 minutes contact. Firecrunch 1300 933 102 technical
It has been extensively tested by NATA labs CSIRO to the required levels of the BCA/ ABCB and NCC meeting the required very high Australian standards in the areas tested covering some 90% of fire protection needs.

The make- up of this unique fire resistant composite material results in a product that actually has a draw and release moisture capability . So it will absorb moisture on internal side for any damp conditions also preventing mould and mildew growth which cannot grow or survive on MgSO₄, then, rapidly releases it in dry warm conditions. It is therefore ideal for homes in areas of high humidity . However, whilst we need the material to act in this way we don't want water penetrating from the exterior sides exposed to weather. The special Vapour permeable Primer known as AquaCrunch is highly water repellent and seals the boards exterior side from rain, but importantly allows free transmission of water vapour out of the board. This helps to prevent excess internal moisture build up and unwanted surface chemical interactions that could otherwise affect the final painted or rendered finish .

PRIMER 1ST COAT WITH AQUACRUNCH requires a single roll on coat to the outer shiny facing of sheets and any exposed edges, this provides water ingress protection. The top bottom and side edges are then fire /weather sealed with the same recommended fire/weather sealants also on the web site under recommended products ensuring AS/1530.4 standard shown on pack . <https://firecrunch.com.au/recommended-products>

SEALER + UNDERCOAT + PAINTING OR RENDERING :

FireCrunch is a fire and finish board which delivers a minimum class 4 finish. For paint application, (INTERNAL / EXTERNAL FOR WARRANTY) first ensure surface is dust free and clean seal with **AquaCrunch**.

1st step : AquaCrunch VAPOUR PERMEABLE sealer (Interior and Exteriors) 6 HOURS CURE

NOTE: ONLY APPLY THE PRIMER on the outside SHINY facing side of the board NOT edges, THE EDGES SIDES AND TOP AND BOTTOM GAPS WILL BE FILLED WITH THE AS/1530.4 FIRE-WEATHER SEALANT AFTER BOARDS INSTALLED.

2nd step :Dulux Precision MAX ADHESION undercoat .

3rd step : Dulux water based finish paints or texture top coats.

4th step : DECKING only - paint on TreadRite clear (NON SLIP P3)

AquaCrunch primer is obtainable on order from FireCrunch Australia.

<https://firecrunch.com.au/place-an-order/>



DO NOT ALLOW FIRECRUNCH Boards to get WET or Hydrate over 10% BEFORE priming with AquaCrunch .

IMPORTANT: for all exterior condition installs the FireCrunch Boards need to be pre primed before installation for exterior use walls and decking .

The AquaCrunch product is purchased from and supplied by FireCrunch Australasia PL (Warranty) Plaster set internal walls jointing priming. Where internal plaster set joints are to be set, prime the boards over the final topping of the plaster set joint. Do not use Aquacrunch before finishing plaster set joints.

Apply AquaCrunch to face of board only . Allow 6 hours to cure and next day Undercoat with above recommended DULUX high precision primer then paint or texture paint with Dulux water based finish coats .

RENDERS: Check render manufacturers instructions but the AquaCrunch Primer will still be required as first priming coat.

FireCrunch supplies the AquaCrunch Primer In 4L 10L and 15L pails

AquaCrunch VAPOUR PERMEABLE Primer for Interior and Exteriors Coverage 8 m² / per litre/ see recommended products

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