

MEGA-BOND SEAL

Non-Membrane – Waterproofing and Crack Filler

➤ **PRODUCT DESCRIPTION**

Mega-Bond Seal is a thixotropic material, ready for application. It is water based, non-toxic, non-flammable, UV resistant, Anti-bacteria and Anti-Fungi compound.

Mega-Bond Seal dries by forming a highly flexible as well as stretchable film of high tensile strength. Although Mega-Bond Seal is very resistant to water penetration, it is however not to be used in applications where it would remain continuously submerged below ground level.

➤ **TYPICAL USES**

Mega-Bond Seal, being a high fibre content, non-membrane and UV resistant waterproofing product, is ideal for sealing and waterproofing steel sheets and/or any other roof substrate, filling cracks, as well as damp control for walls and structures, and the strengthening of brick structures. It can also be used for sealing of gutters and flat roofs.

This wonderful product can also be used as a mortar or a plaster. The Mega-Bond Seal products can easily be over-coated with any decorative paint should this be required.

Mega-Bond Seal can also be used as a protective medium for wood and/or metal surfaces.

➤ **FEATURES**

~ Non-membrane waterproofing compound	UV resistant
~ Waterborne	Non-toxic
~ Ease of application	Low maintenance
~ Long life expectancy	No solvents
~ Non flammable	Great flexibility
~ Easy to clean with water whilst coating is still wet	High water resistance
~ Ready for use with brushes/rollers or spray equipment	High build
~ Excellent adhesion	Durability

➤ **SURFACE PREPARATION**

Ensure that all surfaces which are to be painted/coated must be sound, clean and dry. Free of dirt, grease, friable material and foreign contaminants.

➤ **APPLICATION**

Mega-Bond Seal can be applied by brush, roller or spray equipment (pressure pot) with an even build-up onto smooth surfaces. Mega-Bond Seal should be applied at a wet film thickness of 0.5mm per coat. Trowelling is recommended for crack filling or uneven surfaces.

Walls and Structures

Remove any flaking material from the surface and wash thoroughly with fresh water. A good smooth surface is required before Mega-Bond Seal is applied.

Crack Filling

Mega-Bond Seal is ideal for the repair of hairline cracks, as well as large cracks, without the requirement of a membrane. If necessary, mix Mega-Bond Seal with up to 50% of fine plaster sand to fill cracks and uneven surfaces in order to attain an even surface. If necessary crack surfaces can be primed.

Roof Gutters

The waterproofing of leaking roof gutters requires a coat of approximately 2mm in thickness over the problem area (the area around the leak must be cleaned down to a good substrate material or to clean metal). The coating must be left to dry for 24 hours before the product can accept rain.

Mortar and Plaster

Mega-Bond Seal can also be used successfully as a mortar, particularly with the application of dry block stacking. Once Mega-Bond Seal is applied it will bond very thoroughly to most surfaces and will be very hard to remove.

Steel Roofs

Remove existing paint, as well as rust, very thoroughly by approved methods and equipment. On new steel sheeting use an approved steel cleaner, thoroughly rinse, allow to dry and apply Mega-Bond Seal as soon as possible.

➤ **PRECAUTIONS**

Do not apply during rain, imminent rain, or if ambient temperature is less than 3°C. above dew point. The ambient temperature should not exceed 40°C. during application.

➤ **STORAGE**

Keep stored in cool and dry conditions out of direct sunlight.

➤ **SPREAD RATE**

1-2m². per Litre, depending on surface and application requirement. It is important not to exceed the recommended spread rate.

➤ **PRIMER COAT / UNDERCOAT**

When priming is required, dilute Mega-Bond Seal with 30% water and apply evenly on substrate, allow to dry for 1-2 hours before overcoating.

➤ **THINNING**

Mega-Bond Seal can be thinned with clean fresh water. Mixing product with water during application is permissible to prevent product from drying out.

➤ **CLEANING**

Mega-Bond Seal spillage can be cleaned with clean fresh water while coating is still wet, and the coating can be removed by washing it off with clean fresh water whilst the coating is still uncured. When Mega-Bond Seal is applied by spray equipment it is important to have the spray equipment cleaned after every application of Mega-Bond Seal, before the product settles in the pipes or the unit.

➤ **PACK SIZES**

15 Litres, 4 Litres and 1 Litre.

➤ **AVAILABLE COLOURS**

Cement Grey, Charcoal and White. The white Mega-Bond Seal can be tinted into a light or medium colour as required by the end user.

➤ **SAFETY**

Use gloves during application of Mega-bond Seal to prevent contact with skin. Mega-Bond Seal can, however, be removed from the skin by means of scrubbing with a hard hand brush. If ingested, drink lots of water and see a Medical Practitioner immediately.

When Mega-Bond Seal is applied by spray equipment, safety goggles for eye protection must be worn. Should Mega-Bond Seal get into eyes, a mild irritation can be experienced. Eyes are to be washed out with water, but should irritation persist, a Medical Practitioner is to be consulted.

A face mask should be worn to prevent inhalation of mist particles when product is applied in enclosed area.