



MULTI – BREAK RELEASE AGENT REMOVER

PRODUCT DESCRIPTION:

Multi Break is liquid that removes Bondbreakers from tilt-up concrete panels and precast panels or off form concrete prior to the application of paint/texture systems. Bondbreakers are emulsions applied to formation concrete slabs to prevent bonding between successively cast layers of concrete or formwork. Multi Break provides for a simple wash procedure that eliminates all adhesion problems associated with bondbreaker on tilt-up concrete. Break not only takes away the risk factor associated with bondbreaker, but its application is easy with a low - pressure spray on and simple hose off, plus it is extremely cost effective. Bondbreakers cause 95% of all paint adhesion failures on tilt panel construction as they are absorbed into the concrete on both sides and leave a residual layer that is greasy and water-resistant. By using Multi Break contractors can be assured of a warrantable coating system which will benefit both contractors and builder.

APPLICATION INSTRUCTIONS:

Commence application, working from bottom of panel upward. Large panels should be articulated into manageable work areas, always maintaining a wet edge ensuring rinsing of Break is undertaken prior to the area drying. If Break dries, re-apply Break to the affected area and rinse thoroughly. Flood the area with an excess of Break with a heavy misting rather than a jet. This will produce a foaming wave of excess material descending down the panel. As Break is applied the panel should take on a darkened appearance. Should this not happen, apply a second coat of Break and consult Multitex for further solution.

RINSING:

Rinsing of Break should always be done with a **high pressure** spray unit. The entire panel should be given a final rinse before articulated areas dry.

Please Note:-

1. Application of Break should be with a low – pressure backpack/knapsack spray unit only.
2. Application of Break on large panels is a 2-man procedure, one to apply Break, the other rinsing with water. Never allow Break to dry before rinsing.

Prior to Painting:

Cross-hatch adhesion and pH tests must be performed as per Australian standards prior to commencing full-scale work.

Testing for Bondbreaker:

Solvent-Based Bondbreaker

With a solvent-based bondbreaker there are two tests for bondbreaker:

1. Water-Bead Test

- Spraying the panel with water and observing a beading of the water as it is sprayed onto the panel (just like water on a freshly waxed car). This indicates the possibility of bondbreaker presence. It is a common mistake to misdiagnose Efflorescence as bondbreaker, as both often exhibit those same symptoms.

If the panel does not bead, the concrete should take on a darker appearance. This is where the water has absorbed into the panel. If this happens perform the second bondbreaker test.

2. pH Indicator Test

- Fill a small spray bottle with clean water. Immerse a pH indicator strip into the water to test the pH level. This should read 6.5 – 7.5. If it reads any higher the water may be contaminated. Try sourcing water directly from tap. Hold a fresh indicator strip on the concrete panel, keeping the indicator pads in contact with the concrete at all times. Spray the tested water above the strip so that the water trickles down over the indicator strip. Let soak for approximately 1 minute. Align the indicator strip with the coloured scale on the packet and read the pH level of your concrete. If the reading is the same or very similar to your previous reading of clean water, you know there is still bondbreaker on the panel. If the reading is high (8+) the pH is being read directly from the panel, meaning there is no bondbreaker present.

Finally, painting of the panels can be performed as soon as the moisture content in the concrete is at an acceptable level for the paint manufacturer.

PACKAGING:

20L pails and 200L drums

APPROXIMATE USAGE:

Solvent Based 6-8m²/L

Spreading rates will vary quite significantly depending on the type of bondbreaker used, weather conditions and amount of bondbreaker applied.

WARNING:

Avoid contact with skin or eyes, wear protective clothing, mask and goggles whilst pouring and applying. Refer to Material Safety Data Sheet

Multitex Corporation Pty Ltd

10, Swanston Street, Preston, VIC

T: (03) 9484 0586 F: (03) 9484 0991