

Technical Data Sheet



OCI® LIQUID BOND

Physical Data :

Appearance	:	Off White
Specific Gravity	:	Approx 1.15
Viscosity	:	Approx 180.000 cps @ 25 °C, #7, 10rpm Approx 1,800,000 cps @ 25°C,#7, 1rpm
Solid	:	Approx 78%
Heat Resistance (500g wt)	:	Approx 84°C

Characteristics :

- OCI® Liquid Bond is a flooring and paneling gunnable contact type adhesive that will not slump on vertical surfaces. It has been formulated to bond to a wide variety of construction materials including wood, plasticwood ,particle board, masonry, aluminum, galvanised iron, steel, concrete, fibrous cement sheeting. OCI Liquid Bond is also safe to use on foamed polystyrene and mirror backed tiles.

Application :

- OCI® Liquid Bond can be applied either as a two way contact or a one way wet stick adhesive. In both cases the first requirement is that both surfaces to be bonded are clean and dry and free of grease, oil or dust. Any loose or flaking paint must be removed and preferably lightly sanded before application. (Substrate surface temperatures should not exceed 30°C and the product should not be where continued exposure to elevated temperatures will occur).
- To one of the freshly prepared surfaces apply a 4 - 6 mm bead of adhesive. Beads should not more than 45 cm apart and butt joints should be adhered on both panel edges. Bring both surfaces together immediately.
- Two Way Method :
Press firmly over entire surface to transfer adhesive and then pull both surfaces apart. Allow to tack-off for a few minutes (3 - 5 mins depending on ambient weather conditions) and the reposition and press firmly together. Contact areas should be tapped with a hammer and padded block to ensure intimate contact. Depending on the weather conditions and surfaces bonded, maximum bond strength will take from 12 - 72 hours to be reached. Some weighted panels may required temporary mechanical fastening that should be retained for at least this period.
- One- Way Method :
Particularly recommended for heavier panels or those that are formed to place a loading or stressed on the bond line. After applying adhesive and bringing substrates together, they should be sufficiently clamped, nailed or screwed in a fashion that maintains maximum surface contact at bonded interfaces. Mechanical fasteners should be retained if highly stressed, but temporary fastening can be released after a minimum of 24 hours. For flooring applications, the adhesive should be applied to the flooring manufacturer's specification. To stop floors squeaking, apply a bead of adhesive into the groove of each panel after it is laid and immediately prior to mating the tongue from the next panel.

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Coverage :

- 1 liter of OCI Liquid Bond, when applied as a 4 mm bead, will extend approximately 60 meters.

Thinning & Cleaning :

- Any wet or partially wet adhesive can be removed with solvent. Dried adhesive is best removed with a scraper or by sanding.

Caution :

- Flush immediately with water for any spillage on skin.
- If spill on eye, flush immediately with water and seek ophthalmologist treatment immediately.

Storage :

- Highly flammable, keep away from heat sources or naked flames
- 12 months from date of manufacture if stored in original containers below 25°C.

Other Information :

Every endeavor has been made to ensure that the information given herein is true and reliable but it is given only for the guidance of our customers. The company cannot accept any responsibility for loss or damage that may result from the use of the information, due to the possibility of variation of processing or working conditions and of workmanship outside our control. Users are advised to confirm suitability of this product by their own tests.