



DRI-LASTIC WP 6500

Mono-component, water-based, UV-resistant PU- hybrid waterproof coating reinforced with micro-fibre

Ready-to-use, low VOC & non-toxic, water-based polyurethane hybrid liquid applied membrane that is reinforced with micro-fibres for the reinforcement of the membrane.

FEATURES/BENEFITS

- Low VOC & non-toxic (isocyanate-free, solvent-free, acid-free)
- Fortified with micro-fibres for further reinforcement
- UV-resistant for exposed, external areas
- Ultra-high bond & elastic properties for crack-bridging
- Easy application to minimize site application errors
- Enhanced durability with polyurethane modified formulation

APPLICATION AREAS

- Exposed roofs
- Car porch roofs
- RC flat roofs
- Metal roofs
- Roof tiles
- Cementitious substrates
- Steel, zinc, aluminum

PRODUCT DATA

Packaging	20kg
Shelf Life	12 months in unopened packaging
Storage Condition	Stored in a cool and dry storage place with storage temperatures of 5°C – 30°C, away from sunlight and excessive moisture.

TECHNICAL DATA

Origin	Polyurethane hybrid with micro-fibres
Volume Solids	50 – 60 %
Density	1.25 – 1.35 kg/L
Viscosity	Approx. 130 KU
Tensile Strength	> 1.0 N/mm ² (ASTM D412)

APPLICATION CONDITIONS

Ambient Air Temperature	5 – 35 °C
Substrate Temperature	5 – 35 °C
Substrate Moisture Content	< 4% pbw (No standing water / condensation on substrate)
Waiting Time / Overcoating (at 30 °C)	Min. 2 – 3 hours Max. 48 hours
Dew Point	Surface temperature must be +3 °C above dew point
Consumption	0.3 – 0.4 kg/m ² per coat, min. 2 coats (A priming coat may be required for application over absorbent substrates. This can be done by diluting Dri-Lastic WP 6500 with 10 – 15% water and apply with a consumption of approx. 0.3 kg/m ²)
Full Cure	2 – 4 days

SUBSTRATE

Surfaces must be clean, dry, sound, and free from grease, oil and dust. New concrete must be properly cured for 28 days. Substrate defects should be repaired appropriately using the suitable repair materials. Any weak concrete, laitance, poorly bonded coatings or membranes should be removed. Please contact Dritech Chemicals Sdn. Bhd. for more information.

To confirm adequate surface preparation and product adhesion, carry out a trial before full application together with adhesion tests.

MIXING

Dri-Lastic WP 6500 is supplied ready to use & does not require any mixing.

APPLICATION

Dri-Lastic WP 6500 can be applied via short hair wool roller or brush. Application by airless spray may require dilution with water. It is recommended to conduct trials first to determine the best parameters for the area.

LIMITATIONS

- Do not apply on substrates with moisture content. Always apply during falling ambient and substrate temperature. If applied during rising temperatures, pin holes may occur from rising air.
- Ensure that the coating is thoroughly dry and the surface is without pinholes before applying subsequent coats.

- Dri-Lastic WP 6500 should not be used in places where it is in permanent contact with water (e.g. water tanks, swimming pools, water features, etc.) or in areas where flooding may occur.
- Do not overcoat Dri-Lastic WP 6500 with tiles, concrete or screed. It is designed as an exposed waterproofing system.
- Do not allow temporary ponding to remain in between coats on any horizontal surfaces or until the final coating has totally cured. Brush or mop surface water away during this time.
- Do not apply on roofs subject to long-term ponding with subsequent periods of frost. In cold climatic zones for roofing structures with a pitch of 3%, appropriate measures must be considered.
- Do not apply directly on insulation boards.
- Not recommended for high pedestrian traffic. In case pedestrian traffic is unavoidable, it shall be covered with an appropriate wearing coat, such as Dri-Floor AC 288.

HEALTH & SAFETY

For information & advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship

whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned copies of which will be supplied on request.