



# DRI-LASTIC WP-20

## High performance rubberized acrylic modified waterproofing compound

One-component, low VOC rubberized acrylic modified waterproofing compound. It is supplied ready-to-use to avoid site application and mixing errors that are commonly faced by conventional 2- component waterproofing products.

### FEATURES/BENEFITS

- Eco-friendly with low VOC / Non-toxic formulation
- Mono-component and ready-to-use
- Easy application to minimize site application errors
- Excellent curing time for fast application
- Available in green

### APPLICATION AREAS

- Toilets
- Kitchens
- Common substrates, such as concrete, cement renders, screeds, lightweight blocks, compressed fibre cement sheets, etc.

### PRODUCT DATA

Appearances / Colours	Green
Packaging	20kg
Storage	12 months from date of production
Storage Condition	Dry conditions at temperature between 5 – 35°C

### TECHNICAL DATA

Origin	Rubberized acrylics	
Density	1.37 kg/l at +23°C	
Solid Content	~ 50% by volume	
Pull-Off Strength	> 1.0 N/mm <sup>2</sup> to concrete	
Tensile Strength	~ 1.0 N/mm <sup>2</sup> (Standard system)	DIN 53504
Elongation at break	~ 300% (Standard system)	DIN 53504
Overcoating/Curing Time	2 - 4 hours (Note: may vary according to substrate, weather and other site conditions)	

## APPLICATION CONDITIONS

<b>Substrate temperature</b>	8 – 35°C
<b>Ambient Temperature</b>	8 – 35°C
<b>Substrate Moisture Content</b>	< 6% moisture content with no rising moisture. No standing water/condensation on the substrate.
<b>Relative Air Humidity</b>	Max. 80%
<b>Dew point</b>	Surface temperature must be + 3 Degree Celsius above dew point
<b>Consumption</b>	~ 1.0 - 1.5 kg/m <sup>2</sup> per 2 coats (min. 2 coats required)

## SUBSTRATE

All surfaces must be installed according to the manufacturer's instructions and be structurally sound, dry, clean, free from movement, oil, grease, wax, curing compounds, release agents, and any other loose or contaminating materials. Loose friable material and weak concrete must be completely removed and surface defects such as blowholes and voids must be fully exposed. Any voids, potholes or cracks in the substrate must be repaired appropriately. Sharp protrusions, such as nails, must be removed prior to the application of Dri-Lastic WP-20 to prevent puncturing the membrane. Substrate must have sufficient gradient for surface water to run off easily without ponding water.

Concrete should have a wood float finish and be allowed to cure for at least 28 days. New rendered surfaces must have wood float finish and allowed to cure for at least 7 days.

## APPLICATION

Install an angle fillet (using Dri-Grout 225 non-shrink grout) at wall-to-floor corners and any other critical areas. Ensure angle fillet is fully cured before the application of Dri-Lastic WP20.

Dri-Lastic WP20 is supplied ready-to-use and does not require any mixing. Apply Dri-Lastic WP20 to floors & walls, up to an upturn of 300mm.

Allow the first coat to dry for approximately 2 - 4 hours (depending on substrate, weather and site conditions – the lower the temperature, the longer the drying of the membrane) before applying the 2<sup>nd</sup> coat. Ensure that there are no pinholes or air bubbles on the surface of the membrane. Apply a 3<sup>rd</sup> coat only if necessary or required to do so. Allow the final coat to dry completely before conducting water ponding tests or tiling.

## TOOLS

- Brush: With thick hair brush *or*
- Roller: With a solvent resistant, short-piled lamb skin roller *or*
- Airless Spray Machine: Used only for the standard systems. For spray applied application, minimum 2 layers with crisscross direction application.

## LIMITATIONS

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- Avoid applying too much material at each coat. Membranes which are applied too thick may not dry thoroughly and caking may occur.
- Ensure that the coating is thoroughly dry, and the surface is without pinholes before applying subsequent coat.
- Do not apply on substrates with rising moisture. Always apply during falling ambient and substrate temperature. If applied during rising temperatures pin holes may occur from rising air.
- Ensure that temperature does not drop below 8°C and that relative humidity does not exceed 80% until the membrane has fully cured.
- Do not allow temporary ponding to remain 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 areas subjected to long-term water ponding with subsequent periods of frost. In cold climatic zones for roofing structures with a pitch of less than 3% appropriate measures must have to 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 appropriate elements such as tiles, stone plates or wooden panels.

## HEALTH & SAFETY

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For information and 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

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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.

