

PRODUCT DATA SHEET

Liquid Rubber Instant Set

Instant Set is a bitumen modified polymer specifically designed for a wide range of protective coating applications. **Instant Set** provides unparalleled adhesion while maintaining great flexibility allowing for a resilient waterproof membrane. **Instant Set** is an eco-friendly product which can be applied indoors and outdoors with no special training required.

-Solvent free -Non-flammable -Non-toxic -Odourless -Water based

Property	Typical results
Specific gravity (liquid) g/cm ³	Approx. 1.0
Odour	None
VOC	Contains no solvents
Colour	Brown to black
% solids (wt)	53 - 62
Viscosity, Brookfield, sp. #5, 20 rpm	20 - 25
pH	10 - 12

Performance (Cured Membrane)	Typical results
Colour	Black
Specific gravity, g/cm ³	Approximately 1.0
Chemical resistance	Resistant to most inorganic solutions. Not recommended for gasoline or other petroleum products. Consult Chemical Resistance chart
Biological resistance ASTM E 154, ASTM 0412	Passed (> 90% original value)
Impact resistance CSB37 -GP-500 23°C, in-lbs	Passed (168)
Water tightness after impact	Passed (no leakage)
Water tightness CGSB 37-GP-56	Zero leakage
Tensile strength ASTM 0412, psi	>830 (120)
Elongation, %	850
Accelerated weathering, ASTM G 155,0 412	Passed (No deterioration of film)
Tensile strength	Passed (> 90% original value)
Hardness, Durometer Type 00	85-87
Salt Fog Corrosion, Steel ASTM D412	1000 hours passing
Surface Corrosion ASTM D610	No Corrosion after 500 hours, 0.03% after 1000 hours
Adhesion to concrete ASTM C907	765 kPa
Hardness ASTM D2246	50 Type A
Puncture resistance CGSB 37-GP-56	No perforations
Water Vapour Transmissions ASTM E96	0.04

USES

Instant Set is primarily used as a waterproofing membrane. It is also excellent as an anti-slip product, sound deadening solution and for rust prevention. **Instant Set** allows the applicator to achieve thick coverage on a range of surfaces including vertical.

APPLICATION

Instant Set is applied with a dual component spray system, both components of this system are water-based.

Instant Set is applied in one single coat. An application temperature of 10-30°C is recommended.

Instant Set should be applied to a dry, clean surface free of oil or grease. Application is not recommended if heavy rains are imminent, or in high humidity environments. Where there are joints or cracks using an initial coat of High Build and a reinforcing layer is recommended.

Instant Set is applied between 1.6 – 3.2 L/m² for a dry film thickness (dft) of 1mm – 2mm protective membrane.

Instant Set typically dries to the touch in two minutes at 20°C. **Instant Set** fully dries within 3 hours at 20°C and 50% relative humidity, when applied at a thickness of 1 mm (drying time will increase with a thicker coat) and is completely cured in 48 hrs, this curing time may vary depending on temperature and relative humidity. Final cured properties may not be noticeable for 20 days.

CAUTION

Instant Set application should be avoided when the ambient temperature is below 10°C. This product can be used in harsh climates, however certain precautions must be taken and further instruction will be required, please contact our technical team for advice.

Instant Set when uncured may be damaged if frozen. **Instant Set** may not be compatible with some base products e.g. coal tar.

SAFETY

Instant Set is mildly alkaline. When applying this product proper safety precautions should be taken. Eye protection, gloves and other suitable protective equipment should be worn. For further information please consult the product MSDS.

Instant Set should be kept out of the reach of children. Avoid storage below 5°C. Please consult the Material Safety Data Sheet before using **Instant Set**.

TECHNICAL SERVICE

Call All Industry Services **07 5533 2815**

THIS PRODUCT IS NOT SUBJECT TO THE CONTROLLED PRODUCTS REGULATIONS.

Prepared by: **All Industry Services Pty Ltd**
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