



**For the Builders
of a Better World™**

Hydro Stick On Waterproofing Membrane

Hydro Stick On Waterproofing Membrane is a high performance, cold applied, flexible, preformed waterproof membrane combining a special high performance cross-laminated, HDPE carrier film with a unique self-adhesive rubber bitumen compound which fully bonds onto substrate to prevent lateral water migration. It is designed to provide flexibility to perform over a wide range of installation technique, weather, substrates and conditions. It is suitable to be use for sub-structures and flat deck application.



FEATURES/BENEFITS

- Cross laminated provides high dimensional stability, puncture & tear strength
- Unique self-adhering technology ensuring continuous seal
- Factory controlled thickness
- Chemical resistance providing effective external protection against aggressive elements
- Accommodate settlement & shrinkage movement

USES

- Basement sub structure
- Podium decks
- Retaining Walls
- R.C. flat roof
- Metal roofing

MANUFACTURER

LATICRETE South East Asia Pte Ltd
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STANDARDS/CERTIFICATIONS

- | | |
|--------------|--------------|
| ▪ ASTM D412 | ▪ ASTM D5385 |
| ▪ ASTM C836 | ▪ ASTM E96 |
| ▪ ASTM E154 | ▪ BS EN 1928 |
| ▪ ASTM D624 | ▪ ASTM D1970 |
| ▪ ASTM D1876 | |



This product has been certified green by the Singapore Green Building Council.

Packaging

Hydro Stick On Waterproofing Membrane comes in 20m x 1.0m x 1.5mm per roll.

Coverage

Hydro Stick On Waterproofing Membrane can yield 17.11m².

TECHNICAL DATA

Performance Properties

Test	Test Method	Results
Tensile Strength	ASTM D412	L ≥ 4.0 MPa T ≥ 4.0 MPa
Elongation	ASTM D412	L ≥ 300 % T ≥ 300 %
Hydrostatic Pressure Resistance	ASTM D5385	No water leakage
Water Vapour Transmission	ASTM E96	0.25g/(m ² .hr)
Watertightness Test (7 bar for 24 hrs, Immersion in Saturated Lime for 28 days)	BS EN 1928	No leakage
Watertightness Test (7 bar for 24 hrs, Exposed to Bitumen for 28 days)	BS EN 1928	No leakage
Puncture Resistance	ASTM E154	≥ 200 N
Crack Bridging	ASTM C836	No crack
Tear Resistance	ASTM D624	L ≥ 30 kN/m T ≥ 30 kN/m
Flexibility at low temperature	ASTM D1970	No visible sign
Peel Resistance of Adhesive	ASTM D1876	≥ 450 N/m
Change in Mass	BS EN 1548	1.77%
Change in Young's Modulus	BS EN 1548	31%
Deformation under Load	BS EN 13967	< 8.20%

*Results shown are typical but reflect test procedures used. Actual field performance will depend on the type of tile/stone/brick used, installation methods and site conditions.

INSTALLATION

Substrate Preparation

Substrate must be and free from sharp protrusions, and any hollows to be filled with non-shrink mortar. Horizontal and vertical faces must be smooth, regular, dry and free from nails. Prime the horizontal and vertical surfaces with one coat of Bituminous Primer applied by brush or roller at a rate of 8-10 sq m per litre depending on the porosity of the surface, and allow to be touch dry before the application of Hydro Stick On Waterproofing Membrane.

Application

Hydro Stick On Waterproofing Membrane should be laid by peeling back the protective release liner and applying the self-adhesive face on to the surface to ensure good initial bond. Adjacent rolls are aligned and overlapped 50mm minimum at side and 50mm at ends, and the overlaps well rolled with a firm pressure using a roller to ensure complete adhesion and continuity between the layers. Always apply

Hydro Stick On Waterproofing Membrane directly to primed or conditioned structural substrates. Insulation, if used, must be applied over the membrane. Do not apply Hydro Stick On Waterproofing Membrane over lightweight insulating concrete.

Exposure and Protection

Following the application and inspection, care should be taken to prevent damage by following trades. As soon as practicable after the application, Hydro Stick On Waterproofing Membrane should be protected from exposure to the weather and physical damage using protection boards, insulation or drainage sheet. Any punctured or damaged areas should be cleaned and patched using Hydro Stick On Waterproofing Membrane with minimum 50mm laps all around.

AVAILABILITY AND COST

Availability

LATICRETE and LATAPOXY materials are available worldwide. For distributor information, call:

Telephone: (65) 6515-3028

Fax: (65) 6515-3037

For on-line distributor information, visit LATICRETE at se.laticrete.com

Cost

Contact a LATICRETE Distributor in your area.

WARRANTY

LATICRETE South East Asia Pte Ltd warrants that Hydro Stick On Waterproofing Membrane is free from manufacturing defects and will not break down, deteriorate or disintegrate under normal usage for a period of one (1) year from date of purchase subject to the terms and conditions stated in Data Sheet.

TECHNICAL SERVICES/ CONTACT

Technical Assistance

Information is available by calling:

LATICRETE South East Asia Pte Ltd

No. 38 Sungei Kadut Street 2

(Level 2, A3)

Singapore 729245

Telephone: (65) 6515-3028

Fax: (65) 6515-3037

Email: enquiry@laticrete.com.sg

Technical and safety literature

To acquire technical and safety literature, please visit our website at se.laticrete.com

Disclaimer

LATICRETE is not responsible for product use beyond its intended application. Liability is limited to replacing defective materials. We are not responsible for any loss or damage resulting from improper use. Product specifications are subject to change without notice. For the most up-to-date information, please visit our website at se.laticrete.com.