



# wave



THE ULTIMATE  
MULTI-SHAPE  
FLASHING TAPE



## Data Sheet



**ISOLTEMA®**  
STICK & SEAL



## Self-adhesive Flashing for arched and custom-shaped windows and doors

Wave Wrap is a self adhesive bitumen tape comprising a strong, high density cross laminated, white crepe polyethylene film and a self adhesive SBS rubber/bitumen compound.

Wave Wrap is a flexible, moldable tape, able to expand and conform to arched or custom-shaped windows and doors; the first to offer one-step, seamless protection for both rectangular and arched or custom-shaped windows, doors and window openings.

Wave Wrap provides comprehensive protection from water leaks and has been designed to help direct water to the building exterior, instead of trapping it inside the walls and causing water damage.

Wave Wrap can offer total protection saving you costly repairs.

For the application of Wave Wrap, to achieve the best result, it is absolutely necessary that the surface is dry and free from dust. If a primer is used to condition the surface, wait the right drying time. We advise to apply the products only in dry weather. The best application temperature is between + 5°C and + 45°C.

- The first strip should be placed before the window is installed, on the bottom and wrapping inside the window opening.
- Side strips should be installed next and must overlap the bottom strip.
- The top of the window is taped last and must overlap the side strips.

If needed: you can also use mechanical fastening; the compound will self seal around nails, screws or staples.

**PACKAGING :** each roll is wrapped in heat shrink and packed in cardboard boxes placed on pallets.

**ROLL LENGTH:** 10 mt (for 1,5 mm thickness)

**AVAILABLE ROLL WIDTHS:** 5 - 7,5 - 10 - 15 - 20 - 30 cm

| TEST   | UNIT                         | VALUE                             | TEST METHOD   |
|--|------------------------------|-----------------------------------|---|
| Thickness  | mm                           | 1,5                               |   |
| Adhesion on primed concrete  | N/mm                         | 4,9                               | ASTM D 1000   |
| Tensile strength at break<br>MD/TD Avg   | psi<br>MPa N/mm <sup>2</sup> | 7500<br>52                        | ASTM D 882  |
| Microcreping<br>Compaction - Target<br>- Range<br>Elongation - Target<br>- Range | %<br>%<br>%<br>%             | 58<br>53 - 63<br>140<br>115 - 175 | Benz Tester<br>(constant rate of traverse unit)<br>Frequency-at start up & once per shift |
| Toyo impact (spherical head)   | kg-cm                        | 95                                | ASTM D 781 (VSF Method)   |
| Puncture propagation<br>Tear resistance  | grams                        | 2500                              | ASTM D 2582   |
| Tongue Tear (Tear propagation) MD/TD Avg   | kg                           | 1,7                               | ASTM D 1938   |
| Vapour transmission rate   | g/m <sup>2</sup> -24h a 38°C | 1,5                               | ASTM E 96   |
| Service temperature  |                              | +95°C max<br>-55°C min            |   |

### Technical Data Sheet



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