

## Application Guide

**Ultra-Flex** will adhere to many substrates including:

Plywood, OSB, bitumen membranes, asphalt, metals, brick & concrete.

- Fresh concrete must be cured for 28 days.
  - On EPDM & TPO's it is advisable to apply a test patch to check on compatibility, in some instances a primer may be required.
  - Always use **PU** based mastics **Do Not Use** silicone sealants.
1. Apply when the ambient temperature is a minimum of 2 degrees and rising.
  2. Ensure the substrate is in good condition, dry clean and free from dust.
  3. Fix edge trims prior to the application of Ultra Flex
  4. Ultra- flex is self- terminating, if the brick work is in good condition, strike a finishing line using tape, (ensure that the tape is removed before the membrane is dry). If the brick work is in poor condition, cover flashing or a termination bar will be required.
  5. Fill any large joints or gaps with PU mastic.
  6. Cut your Ultra-Flex reinforcing mat to the desired sizes always allowing for a minimum 50 mm overlap.
  7. It is advised to carry out the detailing work firstly, up-stands, trims protrusions etc.
  8. Open the Ultra-Flex **and mix thoroughly**, wait a minute or two to allow any air bubbles to dissipate.
  9. Apply a generous coat of Ultra-Flex to the surface using a solvent resistant roller, lay your matting into the product and dry roll until the Ultra-Flex is drawn through, immediately apply a second coat of Ultra-Flex ensuring the matting is fully embedded and there are no pinholes.
  10. Use the same procedure to infill the main area all to create a completely seamless membrane.
  11. **Ultratop:** Stir thoroughly before use. Apply once the Ultra-Flex membrane has cured with a solvent resistant roller at the rate of 150 gm /sqm.
  12. To apply a non-slip surface (slate granules/ silica sand) once the membrane has fully cured apply a thin coat of Ultratop to the required area and broadcast the medium into the surface, once cured and if desired sweep of any excess medium. If required add a further coat of Ultratop on the aggregate to encapsulate the anti-slip system.

Coverage use should not be less than 1.5 Kg of Ultra-Flex per SQM.

- Drying time will be 2-8 hours dependent on weather conditions with full cure in 24 hours.
- Store unopened in original container in a cool dry place within 5-25°C, keep out of direct sunlight, protect from frost. Keep away from sources of ignition.