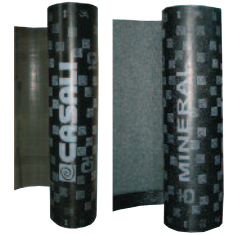




DERMABIT® EXTRA DERMABIT® CASALI DERMABIT® EXTRA



PROJECT SPECIFICATIONS: single and multi-layer solutions for: large commercial and industrial roofing, residential buildings, large metal structures with and without insulation, exposed waterproofing systems mechanically fixed, roofing with photovoltaic panels, waterproofing foundations, retaining walls and large structures in general.

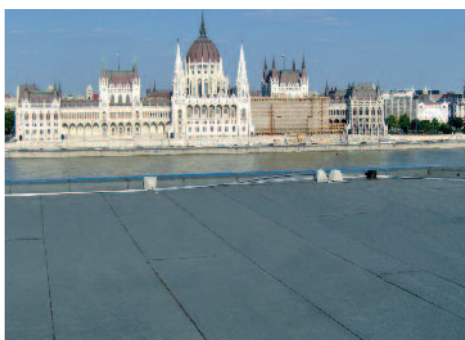
REINFORCEMENTS: polyester with high mechanical properties and excellent dimensional stability.

FINISHES: sand, mineral self-protection in different colours.

PLUS: an APAO synthesis engineering polymer based compound that ensures a thermal operating range of -25°C/+150°C, high elasticity, excellent resistance to atmospheric ageing, perfect joint seal and excellent adhesion to any type of deck, high resistance to mechanical and thermal stress; the family of Dermabit® membranes is certified by the most prestigious certification institutes such as BBA, ITC, BRANZ and have been used for more than 40 years in more than thirty countries all over the world.



DERMABIT® EXTRA
DERMABIT®
CASALI DERMABIT® EXTRA



| DERMABIT® | STANDARD | U.M. | DERMABIT EXTRA 40180 | DERMABIT EXTRA 4 mm | DERMABIT 30160 | 4170 CASALI DERMABIT EXTRA** | 43170 CASALI DERMABIT EXTRA ** | DERMABIT 40250 - 50250 |
|---|--------------------|-------|----------------------|---------------------|----------------|------------------------------|--------------------------------|------------------------|
| Finishing | - | - | SAND | MINERAL | SAND | SAND | MINERAL | SAND |
| Reinforcement type | - | - | HSP POL | HSP POL | SP POL | HSP POL | HSP POL | GS POL |
| Thickness | EN 1849 - 1 | mm | 4 | 4 | 3 | 4 * | 4 * | 4-5 |
| Weight | EN 1849 - 1 | kg | 4 | 4 | 3 | 4 | 5,2 | 4-5 |
| Maximum Tensile Force LONGITUDINAL / TRASVERSAL | EN 12311-1 | N/5cm | 900 / 700 | 900 / 700 | 700 / 600 | 850 / 650 | 850 / 650 | 1200 / 900 |
| Elongation at break LONGITUDINAL / TRASVERSAL | EN 12311-1 | % | 45 / 45 | 45 / 45 | 40 / 40 | 40 / 40 | 40 / 40 | 50 / 50 |
| Tearing resistance LONGITUDINAL / TRASVERSAL | EN 12310 -1 | N | 200 / 200 | 200 / 200 | 150 / 150 | 170 / 170 | 170 / 170 | 220 / 240 |
| Flow resistance at elevated temperature | EN 1110 | °C | 150 | 150 | 150 | 150 | 150 | 150 |
| Flexibility at low temperatures | EN 1109 | °C | -25 | -25 | -20 | -20 | -20 | -20 |
| Dimensional stability | EN 1107-1 | % | ±0,2% | ±0,2% | ±0,3% | ±0,2% | ±0,2% | ±0,2% |
| Thermal ageing in air VARIATION OF LOW TEMPERATURE FLEXIBILITY | EN 1296 EN 1109 | Δ°C | 5 | 5 | 5 | 5 | 5 | 5 |
| Peel resistance of joints | EN 12316-1 | N/5cm | 40 | 40 | 40 | 40 | 40 | 40 |

* THICKNESS MEASURED EXCLUDING MINERAL FINISHING

Reinforcement - POL: standard performance stabilized non woven polyester / SP POL: medium performance stabilized non woven polyester / HSP POL: high performance stabilized non woven polyester / GS POL: special performance stabilized non woven polyester for great structure / **GLASS FIBRE**: fibre glass mat reinforced with threads / **ALL + POL**: aluminium foil coupled with non woven polyester - **Finishing** - MINERAL: slated / SAND: sanded / PBS: Polyethylene on both sides.



IMPROVING WATERPROOFING PERFORMANCE OF DERMABIT®, SAVING ENERGY, WITH DERMACOLOR COOL ROOF

Dermacolor Cool Roof is a high-reflectance synthetic resin-based white paint in water emulsion, which thanks to a special formulation containing special glass micro-spheres, is used to protect bitumen-polymer waterproofing membranes against UV radiation, significantly lowering the surface temperature (by up to 40°C with respect to a black membrane). This attenuates the urban heat island effect and reduces damage to waterproof systems installed on roofs, giving a considerable energy saving due to reduced use of the air conditioning system of the building.

Dermacolor Cool Roof was tested for its solar reflection index (SRI)* obtaining the excellent result of 103.5 (Test Report No. 313875 issued by the Giordano Institute on 05/03/2017). The SRI index indicates the ability of a material to reflect ultraviolet rays, so that the higher the index the greater the solar rays transmitted by the material will be, meaning that less heat is accumulated and transmitted to the rooms below; tests carried out on the polymer bitumen membrane Casali Dermabit®.



Slated Self Protection available for Dermabit®

Other finishing, on request.

