

DERMABIT® EXTRA **DERMABIT® CASALI DERMABIT® EXTRA**

APP-APAC

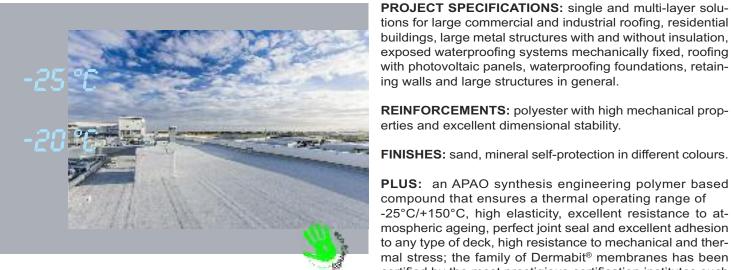


erties and excellent dimensional stability.









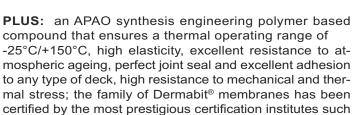












buildings, large metal structures with and without insulation, exposed waterproofing systems mechanically fixed, roofing with photovoltaic panels, waterproofing foundations, retain-

as BBA, ITC, BRANZ and have been used for more than 40 years in more than thirty countries all over the world. Dermabit Mineral Fire Off is a fire resistant certified version classified as Broof (t₂) according to EN 13501-5.





















DERMABIT® EXTRA DERMABIT® CASALI DERMABIT® EXTRA











| STANDARD | U.M. | DERMABIT EXTRA 40180 | DERMABIT EXTRA 4 mm | DERMABIT 30160 | 4170 CASALI DERMABIT EXTRA | 43170 CASALI DERMABIT EXTRA | DERMABIT 40250 - 50250 | DERMABIT Fire Off (F.O.) |
|--------------------|--|--|--|---|----------------------------------|---|--|--|
| | | | | ВВА | BBA E. | BBA | | |
| - | - | SAND | MINERAL | SAND | SAND | MINERAL | SAND | MINERAL |
| - | - | HSP POL | HSP POL | SP POL | HSP POL | HSP POL | GS POL | HSP POL |
| EN 1849 - 1 | mm | 4 | 4* | 3 | 4 | 4* | 4/5 | 4* |
| EN 1849 - 1 | kg | 4 | 5,2 | 3 | 4 | 5,2 | 4/5 | 5,2 |
| EN 12311-1 | N/5cm | 900 / 700 | 900 / 700 | 700 / 600 | 850 / 650 | 850 / 650 | 1200 / 900 | 850 / 650 |
| EN 12311-1 | % | 45 / 45 | 45 / 45 | 40 / 40 | 40 / 40 | 40 / 40 | 45 / 45 | 40 / 40 |
| EN 12310 -1 | N | 200 / 200 | 200 / 200 | 150 / 150 | 170 / 170 | 170 / 170 | 220 / 240 | 170 / 170 |
| EN 1110 | °C | 150 | 150 | 150 | 150 | 150 | 150 | 150 |
| EN 1109 | °C | -25 | -25 | -20 | -20 | -20 | -20 | -20 |
| EN 1107-1 | % | ±0,2% | ±0,2% | ±0,3% | ±0,2% | ±0,2% | ±0,2% | ±0,2% |
| EN 1296 EN 1109 | Δ°C | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| EN 12316-1 | N/5cm | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| EN 13501-5 | Class | F roof | F roof | F roof | F roof | F roof | F roof | B roof (t2) |
| | EN 1849 - 1 EN 1849 - 1 EN 12311-1 EN 12310 - 1 EN 1110 EN 1109 EN 1107-1 EN 1296 EN 1109 EN 12316-1 | EN 1849 - 1 mm EN 1849 - 1 kg EN 12311-1 N/5cm EN 12310 - 1 N EN 1110 °C EN 1109 °C EN 1107-1 % EN 1296 EN 12316-1 N/5cm | TANDARD U.M. EXTRA 40180 SAND - HSP POL EN 1849 - 1 mm 4 EN 1849 - 1 kg 4 EN 12311-1 N/5cm 900 / 700 EN 12311-1 % 45 / 45 EN 12310 - 1 N 200 / 200 EN 1110 °C 150 EN 1109 °C -25 EN 1107-1 % ±0,2% EN 1296 EN 1296 EN 1296 EN 1296 EN 1296 EN 1297 EN | SAND MINERAL HSP POL HSP POL EN 1849 - 1 mm 4 4* EN 1849 - 1 kg 4 5,2 EN 12311-1 N/5cm 900 / 700 900 / 700 EN 12311-1 % 45 / 45 45 / 45 EN 12310 - 1 N 200 / 200 200 / 200 EN 1110 °C 150 150 EN 1109 °C -25 -25 EN 1107-1 % ±0,2% ±0,2% EN 1296 EN 1296 EN 1296 EN 12316-1 N/5cm 40 40 | STANDARD | STANDARD U.M. DERMABIT EXTRA 40180 EXTRA 4 mm 30160 DERMABIT EXTRA 4 mm 4 | STANDARD U.M. DERMABIT EXTRA 40180 EXTRA 4 mm DERMABIT SAND DERMABIT EXTRA | STANDARD U.M. DERMABIT EXTRA 40180 DERMABIT STANDARD DERMABIT EXTRA 40180 DERMABIT EXTRA 40180 DERMABIT EXTRA 40180 DERMABIT EXTRA 40250 - 50250 |

* 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®.



DERMACOLOR COOL ROOF (pg. 44)

