

SupaSoft

Technical Data Sheet



| Thermal | |
|------------------------|--|
| Thermal Conductivity | 0.040 Wm ⁻¹ K ⁻¹ |
| Density | 15.5 kg/m ³ |
| Specific Heat Capacity | 1000 Jkg ⁻¹ K ⁻¹ |
| Vapour Resistivity | 5 MNsg ⁻¹ m ⁻¹ |

| Fire | |
|---|-------------|
| BS 5803-4, Flammability & Smoulder Resistance | Pass |
| EN11925-2, Reaction to Fire | Pass |
| Fire Classification | EuroClass E |

| Physical | |
|--------------------------------------|------|
| Recoverability and thickness, EN 823 | Pass |
| Dimensional stability to EN 1604 | Pass |

| Hygrothermal | | | | | | |
|---|--|--------|---------|---------|--------|--|
| Porosity | 49.5% | | | | | |
| 'Surface' water absorption coefficient (kg/m ² . h0.5) | 1.54 (26%) | | | | | |
| 'Edge' water absorption coefficient (kg/m ² . h0.5) | 1.26 (29.0%) | | | | | |
| Water Vapour Resistance Factor, μ | (-) Dry: 1.67 (6.1%) (-) Wet: 0.76 (11.7%) | | | | | |
| Vapour sorption: | | | | | | |
| Relative Humidity | | | | | | |
| Sorption | 0%w/w | 30%w/w | 50%w/w | 75%w/w | 95%w/w | |
| Moisture Content | 0.00% | 1.08% | 1.38% | 1.56% | 1.62% | |
| Deviation | | (3.9%) | (10.0%) | (14.7%) | (9.1%) | |
| Relative Humidity | | | | | | |
| Desorption | 95%w/w | 75%w/w | 50%w/w | 30%w/w | 0%w/w | |
| Moisture Content | 1.62% | 1.62% | 1.38% | 1.33% | 0.00% | |
| Deviation | (9.1%) | (9.1%) | (2.3%) | (29.5%) | | |

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| Environmental | |
|---------------------------|---|
| GWP (A1-A3) total | 0.99 kgCO ₂ e R1 Functional Unit |
| GWP (A1-C4) total | 1.28 kgCO ₂ e R1 Functional Unit |
| GWP (A1-D) total | 0.27 kgCO ₂ e R1 Functional Unit |
| Recycled Content | >95% |
| Recyclable | Yes |
| EPD registration no | S-P-04469 |
| EPD valid to | 31/10/26 |
| Manufactured to ISO 14001 | Certificate No: 23/3478 |

| Air Quality | |
|------------------------|---|
| TVOC | 9 µg/m ³ @ 3 days, n.d. @ 28 days |
| Carcinogenic compounds | n.d. @ 3days, n.d. @ 28days |
| Formaldehyde | <3 µg/m ³ @ 3 days, <3 µg/m ³ @ 28 days |

| Quality | |
|--------------------------|-------------------------|
| Manufactured to ISO 9001 | Certificate No: 23/3477 |

| Dimensions | |
|--------------------------|-------------------------|
| Thicknesses (+20mm/-0mm) | 50 & 100 mm |
| Widths (+20mm/-10mm) | 390 & 590 mm |
| Roll Length (+5%/-0%) | 10 m(50mm) & 5 m(100mm) |