**FLOORPANEL**

Technical Data Sheet



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| --- | --- | --- | --- |
| Wood type: | Spruce/fir  Others on request | | |
| Quality: | N: Normal; for visible applications  I: Industrial; for constructions with lower aesthetic requirements | | |
| Strength class: | C24 | | |
| Panel thickness: | 100 to 260 mm  Others on request | | |
| Panel width: | 150 to 1000 mm  All widths within this range are possible. Billed per 50 mm increments.  Others on request | | |
| Length: | According to list | | |
| Laminate widths: | Indefinite, 40 to 70 mm | | |
| Surface: | All sides planed and chamfered; for visible applications, sanding the surface is recommended (not standard) | | |
| Profile: | Tongue–tongue profile is standard  Others on request | | |
| Specific weight: | 5.0 kN/m3 (according to SIA 261) | | |
| Moisture content: | 12% ± 2% | | |
|  |  | | |
| C24 Mechanical Properties: | Bending strength | fmd | = 14.0 N/mm2 |
| SIA 265, w= 1.0, t= 1.0 | Shear strength | fvd | = 1.5 N/mm2 |
|  | Modulus of Elasticity | Em,mean | = 11.0 kN/mm2 |
|  |  |  |  |
| Physical properties: | Thermal conductivity |  | = 0.13 W/mK |
|  | Specific heat | c | = 2.0 - 2.4 kJ/kgK |
|  | Water vapour permeability | δ | = 0.035 - 0.015 mg/mhPa |
|  | Diffusion Resistance Factor | μ | = 20 - 40 |
|  |  |  |  |
| Reaction to fire: | 4.3 (D-s2, d0 according to European Standards) | | |
| Gluing: | Polyurethane (PUR) Type I adhesive per EN 15425  Solvent-free (no formaldehyde)  Colourless glue lines | | |