



Joining

| AP/ Kr 1B (Insulation board) | AP / Kr 1B - 50 | AP / Kr 1B - 80 | AP / Kr 1B - 100 | AP / Kr 1B - 150 | AP / Kr 1B - 200 |
|--|--|--|--|--|--|
| AP/ Alu-F 1B (Insulation board) | Ap /Alu-F 1B - 50 | Ap /Alu-F 1B - 80 | Ap /Alu-F 1B - 100 | Ap /Alu-F 1B - 150 | Ap /Alu-F 1B - 200 |
| Board thickness (mm) - x | 50 | 80 | 100 | 150 | 200 |
| Fire Resistance Class (EN-14509) | B - S ₂ , d _s B - S ₁ - d _s | B - S ₂ , d _s B - S ₁ - d _s | B - S ₂ , d _s B - S ₁ - d _s | B - S ₂ , d _s B - S ₁ - d _s | B - S ₂ , d _s B - S ₁ - d _s |
| Insulation material | PUR - PIR | PUR - PIR | PUR - PIR | PUR - PIR | PUR - PIR |
| U - value W / (m.c°) | 0.43 | 0.30 | 0.28 | 0.16 | 0.12 |
| R - value W / (m.c°) | 11 | 18 | 20 | 39 | 50 |
| Sound Reduction (dB) | 17 - 20 | 24 - 30 | 27 - 35 | 42 - 48 | 48 - 60 |
| Used width (mm) | 1000 | 1000 | 1000 | 1000 | 1000 |
| Available MAX length (mm) | 6000 | 6000 | 6000 | 6000 | 6000 |
| Weight Kg/m2 (Kraft paper) | 2.30 | 3.50 | 4.30 | 6.30 | 8.30 |
| Weight Kg/m2 (Alu - Foil) | 2.20 | 3.40 | 4.20 | 6.20 | 8.20 |
| 6 mt . Truck MAX loading pcs/m2 | 80 / 480 | 50 / 300 | 40 / 240 | 26 / 156 | 20 / 120 |
| 12 mt . Truck MAX loading pcs/m2 | 160 / 960 | 100 / 600 | 40 / 480 | 26 / 312 | 20 / 240 |
| 11,9 mt . 40" Cont MAX loading pcs / m2 | 160 / 952 | 100 / 595 | 40 / 476 | 26 / 309.4 | 20 / 238 |