

Frame extension elements for wooden and wood-metal lifting sliding doors Moisture-resistant

| Plywood | Symbol | Test method | Unit | Value |
|-----------------------------------|-------------|--------------|--------------------------|-------|
| Classification | | | | AW100 |
| Gross density | ρ_a | EN 323 | kg/m ³ | ~420 |
| Thermal conductivity | λ_D | | W/mK | 0.130 |
| Emission category | | UNI EN 717/2 | mg HCHO/m ² h | E1 |
| Bending strength (longitudinal) | | EN 310 | N/mm ² | 28 |
| Bending strength (lateral) | | EN 310 | N/mm ² | 32 |
| Elasticity modulus (longitudinal) | | EN 310 | N/mm ² | 3600 |
| Elasticity modulus (lateral) | | EN 310 | N/mm ² | 3800 |

| Expanded polystyrene rigid foam (EPS) | Symbol | Test method | Unit | Value |
|--|---------------|-------------|--------------------|----------|
| Gross density | ρ_a | 1602 | kg/m ³ | 15 |
| Thermal conductivity | λ_D | 279 | W/(mK) | 0.038 |
| Specific thermal capacity | c | | Wh/(kgK) | 0.39 |
| Water vapour diffusion resistance factor | μ | 12086 | | 40 |
| Fire behaviour classification in acc. with EN | | 13501-1 | | E |
| Fire behaviour classification in acc. with VKF | | VKF | BKZ | 5.1 |
| Fire behaviour group | | VKF | | RF2 (cr) |
| Compression stress at 10% compression | σ_{10} | 826 | kPa ³) | ≥60 |
| Creep behaviour under pressure (50 years, compression 2%) | σ_c | 1606 | kPa ³) | 12 |
| Top application limit temperature, non-weight-bearing | | | °C | 75 |
| Cell content | | | | Air |

| Wood | Symbol | Test method | Unit | Value |
|----------------------|----------------|-------------|------|-------|
| Type | Spruce pine | | | |
| Certification | PEFC-certified | | | |
| Thermal conductivity | λ_D | | W/mK | 0.140 |