

PRODUCT DATA SHEET

EGGER OSB 2C€

Recipe: 707 (unsanded)

Material description: OSB/2 board for use for general purposes under dry conditions according EN 300, emission class – E1,

Tests according to valid EN-standards. Strength values are average values.

PLANT: RADAUTI

Board type according EN 300

| Mechanical properties | Standard | Unit | Requirement | | | |
|---|----------|-----------|-------------|-----------|-------|--|
| Board thickness | | [mm] | 6,0–10 | >10 - <18 | 18-25 | |
| Density | EN 323 | [kg/m³] | ≥580 | ≥580 | ≥580 | |
| Internal bond | EN 319 | [N/mm²] | ≥0,34 | ≥0,32 | ≥0,30 | |
| Bending strength major axis | EN 310 | [N/mm²] | ≥22 | ≥20 | ≥18 | |
| Bending strength minor axis | EN 310 | [N/mm²] | ≥11 | ≥10 | ≥9 | |
| Modulus of elasticity major axis | EN 310 | [N/mm²] | ≥3500 | | | |
| Modulus of elasticity minor axis | EN 310 | [N/mm²] | ≥1400 | | | |
| Swelling in thickness 24h | EN 317 | [%] | ≤20 | | | |
| Mean density tolerance | EN 323 | [%] | ±15 | | | |
| Moisture content *1 | EN 322 | [%] | 2-12 | | | |
| Formaldehyde content *2 | EN 120 | [mg/100g] | ≤8,0 | | | |

| General tolerances | Standard | Unit | Requirement |
|---|----------|--------|-------------|
| Tolerance in length | EN 324-1 | [mm] | ±3,0 |
| Tolerance in width | EN 324-1 | [mm] | ±3,0 |
| Tolerance in thickness (un-sanded) | EN 324-1 | [mm] | ±0,5 |
| Squareness tolerance | EN 324-2 | [mm/m] | ≤2,0 |
| Edge straightness tolerance | EN 324-2 | [mm/m] | ≤1,5 |

| Building physical properties | Standard | Unit | Requirement |
|--|--------------|-----------|-------------------------------------|
| Class of reaction to fire | EN 13501-1 | - | <12 mm: E / ≥12 to ≤25 mm: D-s1, d0 |
| Thermal conductivity | EN 13986 | [W/(m·K)] | 0,13 |
| Water vapour permeability (μ-value) | EN ISO 12572 | - | 100 (dry cup) |

*1) When dispatched

*2) Perforator value according EN 120 according "DIBt-recommendation 100" from June 1994 are the allowed values:
half year average value: 6,5mg HCHO/100g abs. dry board
single value: 8,0mg HCHO/100g abs. dry board