# dataholz.eu

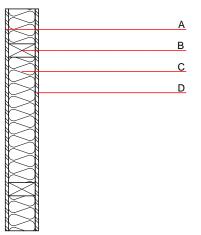
iwrxxo11a-02 8/2/23 KRONOSPAN OSB, spol. s r. o. HFA, PLB

### Internal wall - iwrxxo11a-02

internal wall, timber frame construction, without dry lining, wooden surface

#### Performance rating

Fire protection performance	REI	30						
maximum ceiling height = 3 m; maximum load $\rm E_{d,fi}$ = 32 kN/m Classified by HFA								
Acoustic performance	R <sub>w</sub> (C;C <sub>tr</sub> ) L <sub>n,w</sub> (C <sub>l</sub> )							
Assessed by HFA								
Mass per unit area	m							



Note: The fire resistance is only valid when wall is used as partition with only one side exposed to fire.

Register of building materials used for this application, cross-section (from outside to inside, dimensions in mm)

11.5

	Thickness	Building material	Thermal performance			Reaction to fire	
			λ	µ min – max	ρ	с	EN
А	16.0	Kronospan OSB-Firestop	0.110	150 - 170	660	1.700	В
В	120.0	construction timber (60/; e=625)	0.120	50	450	1.600	D
С	120.0	Cellulose fibre [040; 50]	0.040	1	50	2.000	E
D	16.0	Kronospan OSB-Firestop	0.110	150 - 170	660	1.700	В

#### Sustainability rating (per m<sup>2</sup>)

Database ecoinvent

OI3<sub>Kon</sub>

Calculated by HFA

## Details of sustainability rating

### Database ecoinvent

#### GWP ODP POCP Lifecycle AP EΡ (Phases) [kg CO<sub>2</sub>-e.] [kg SO<sub>2</sub>-e.] [kg PO<sub>4</sub>-e.] [kg R11-e.] [kg Ethen-e.] A1 - A3 0.070 0.028 1,09E-6 0.014 Lifecycle PERE PERM PERT PENRE PENRM PENRT (Phases) [MJ] [MJ] [MJ] [MJ] [MJ] [MJ] A1 - A3 75.691 494.098 569.788 212.825 25.055 237.880

dataholz.eu – Catalogue of timber building materials, components and component connections reviewed to consider thermal, acoustic, fire performance requirements and ecological drivers for timber construction released by accredited testing institutes. These datasheets will generally be accepted as proofs of compliance by building authorities.