

MDF FIRE RETARDANT

According to regulation (EU) Nr. 305/2011

Unique identification code of the product:

SKCH_MDF-FR

MDF Fire Retardant **12 mm – 25 mm**

Intended use:

Dry-manufactured fire-retardant fibreboard for general purpose (non-load-bearing) use in dry areas (type MDF, EN 622-5).

Manufacturer:

SWISS KRONO AG
Willisauerstrasse 37
CH-6122 Menznau

www.swisskrono.ch
info@swisskrono.ch
+41 41 494 94 94

System/s of assessment and verification of constancy of performance of the construction product(AVCP):

SYSTEM 1

Harmonised technical specification:

EN 13986:2004+A1:2015

Notified body:

Fraunhofer WKI NB 0765

MDF FIRE RETARDANT

Declared Performance

Essential characteristics				Unit	Standard
Thickness	<12	>12-19	>19-30	mm	EN 324
Bending strength	22	20	18	N/mm ²	EN 310
Modulus of elasticity	2500	2200	2100	N/mm ²	EN 310
Formaldehyde emission (E1)	≤0.1			ppm	EN 717-1
Reaction to fire	B-s2,d0				EN 13501-1
Pentachlorophenol (PCP)	<5			ppm	CEN/TR 14823
Water vapour resistance	NPD			μ	EN 12524
Airborne sound insulation	27	30	31	dB	EN 140-3
Sound absorption	NPD			α	EN 354
Thermal conductivity	0.13			W/mK	EN 12667
Bearing strength	NPD			N/mm ²	EN 383
Internal bond strength	0.6	0.55	0.55	N/mm ²	EN 319
Thickness swelling	15	12	10	%	EN 317
Moisture resistance	NPD			N/mm ²	EN 622
Mechanical durability	NPD				EN 1156
Biological durability	NPD			hazard class	EN 335

NPD: No Performance Determined

Signed for and on behalf of the manufacturer by:

Menznau, 06.02.2023

Roger Braun, General Manager



Place and date

Name and fuction

signature