



MDF DOOR BOLTS E05

Medium-density fibreboard for use
in door rails and stiles

DESCRIPTION

Sonae Arauco MDF DOOR BOLTS E05 is a medium density fibreboard for use in door rails and stiles and is easy to process. MDF DOOR BOLTS E05 has low formaldehyde emissions and complies with the requirements of REACH and ChemVerbotsV (E05).

With regards to fire behaviour according to EN 13986, MDF DOOR BOLTS E05 with a thickness ≥ 9 mm and a minimum density of 600 kg/m³ is classified as D-s2, d0 (definition of Euroclasses in accordance with EN 13501-1).

In addition to its technical performance, MDF DOOR BOLTS E05 is a sustainable and environmentally friendly product.

For more information on available formats and thicknesses, please refer to the portfolio and service brochure.

PROPERTIES



COMPLIANT WITH
CHEMVERBOTSV



COMPLIANT
WITH REACH
REGULATION

APPLICATIONS

MDF DOOR BOLTS E05 is recommended for the production of interior doors.

Due to the wood fibres used in its production, the product presents highly homogeneous surfaces, making it well suited for surface coating. Its good dimensional stability also makes it easy to process.



DOORS

RECOMMENDATIONS

Sonae Arauco MDF DOOR BOLTS E05 must be stacked on a hard and flat surface and protected from direct contact with water.

The expansion and contraction behaviour of wood-based materials is directly related to the moisture content and must always be taken into account.

Wood-based panels are biodegradable and can be recycled. Please follow local regulations for the disposal of production waste.

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GENERAL CHARACTERISTICS

PROPERTIES	TESTING STANDARD	UNIT	THICKNESS RANGE (mm)
30 - 38			
Thickness tolerance	EN 324-1	mm	± 0,1
Length tolerance	EN 324-1	mm/m	± 1
Width tolerance	EN 324-1	mm/m	± 0,3
Squareness		degrees	± 1
Density tolerance ¹	EN 323	kg/m ³	± 15
Moisture content	EN 322	%	6 ± 2

TECHNICAL INFORMATION

PROPERTIES ¹	TESTING STANDARD	UNIT	THICKNESS RANGE (mm)
30 - 38			
Bulk density ²	EN 323	kg/m ³	705
Bending strength	EN 310	N/mm ²	≥ 20
Modulus of elasticity (MOE)	EN 310	N/mm ²	≥ 2000
Internal bond	EN 319	N/mm ²	≥ 0,55
Thickness swelling (24 hours)	EN 317	%	≤ 9
Formaldehyde emission class			E05

¹Properties of the large panel

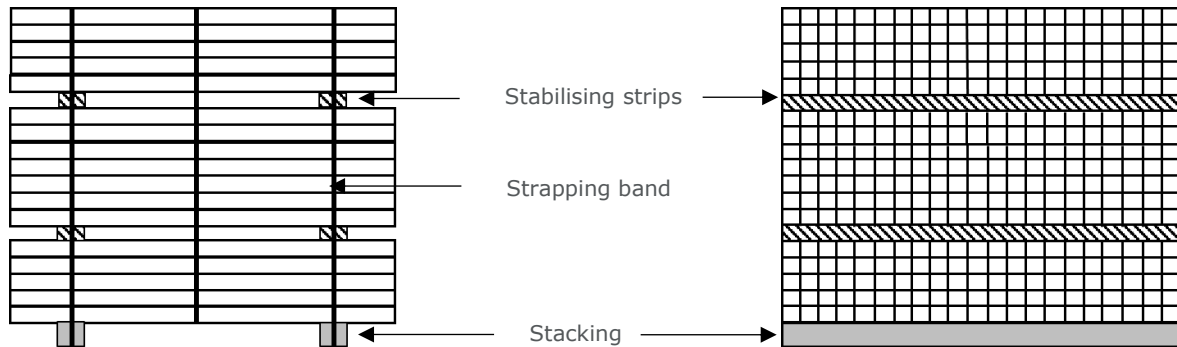
²Reference value

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BOLT PACKAGING

Sonae Arauco MDF DOOR BOLTS E05 are stacked by type ensuring that only one bolt length is packed per stack.



Packaging elements example

In the packaging, 2 stabilising strips are used, positioned vertically one above the other and distributed along the length. Additionally, the stack is wrapped on all four sides with foil and strapped with plastic bands at the stabilising strips as well as at the centre. The packaged stacks are labelled on both sides with all relevant order information. Depending on the length, additional stacking and plastic bands can be added.

CERTIFICATIONS

Please pay attention to certified products:



The mark of
responsible forestry
FSC® C009049



FSC® and PEFC-certified products are available on request and subject to availability