
TECHNICAL CHARACTERISTICS

MDi |  SLIMM

POLISHED FINISH

Technical properties of Inalco's **MDI**


Dry-pressed slabs with a water absorption of less than 0.5%

GROUP Bla, Appendix G

ISO 13006, UNE-EN 14411

Finish	Polished		
Thickness and sizes	6 mm	150 x 320 cm R / 100 x 250 cm	

TECHNICAL CHARACTERISTICS AS PER APPLICABLE STANDARD:	Reference standard	Required value		Obtained mean value*
---	--------------------	----------------	--	----------------------

PHYSICAL CHARACTERISTICS				
Water absorption	EN-ISO 10545-3	E ≤ 0.5%		E ≤ 0.5%
Bending strength (N/mm²)	EN-ISO 10545-4	> 35 N / mm ²		Surpasses required value
Breaking strength (N)	EN-ISO 10545-4	 > 700 N		Surpasses required value
Resistance to abrasion	EN-ISO 10545-7	As indicated by manufacturer		4
Linear thermal expansion	EN-ISO 10545-8	Method available		≤ 9x10 ⁻⁶ K ⁻¹
Thermal shock resistance	EN-ISO 10545-9	Method available		Resistant
Frost resistance	EN-ISO 10545-12	Required		Resistant
Crazing resistance	EN-ISO 10545-11	Required		Resistant

CHEMICAL CHARACTERISTICS				
Resistance to low concentrations of acids and alkalis	EN-ISO 10545-13	As indicated by manufacturer		Resistant (LA)
Resistance to household cleaning products and swimming pool additives	EN-ISO 10545-13	Min. B		Resistant (A)
Resistance to staining	EN-ISO 10545-14	Min. Class 3		Class 5

DIMENSIONAL CHARACTERISTICS: PERMISSIBLE DEVIATION FROM WORK SIZE				
Length and width	EN-ISO 10545-2	±0.6% / ±2.0 mm		±0.6% / ±2.0 mm
Thickness	EN-ISO 10545-2	±5% / ±0.5 mm		±5% / ±0.5 mm
Straightness of sides	EN-ISO 10545-2	±0.5% / ±1.5 mm		±0.5% / ±1.5 mm
Squareness	EN-ISO 10545-2	±0.6% / ±2.0 mm		±0.6% / ±2.0 mm
Surface flatness	EN-ISO 10545-2	±0.6% / ±2.0 mm		±0.6% / ±0.5 mm
Surface appearance	EN-ISO 10545-2	Min. 95% of slabs without defects		Min. 95% of slabs without defects

*Results obtained from test samples.

Technical properties of Inalco's **MDI**

Dry-pressed slabs with a water absorption of less than 0.5%

GROUP Bla, Appendix G

ISO 13006, UNE-EN 14411

Finish	Polished
Thickness and sizes	6 mm 150 x 320 cm R / 100 x 250 cm

TECHNICAL CHARACTERISTICS AS PER APPLICABLE STANDARD:	Reference standard	Required value	Obtained mean value*
--	---------------------------	-----------------------	-----------------------------

REACTION TO FIRE			
Reaction to fire of construction products and building elements	EN 13051	As indicated by manufacturer	A1 - A1 _{FL}
Flame spread rating	ASTM E-84	As indicated by manufacturer	Class I - A

* Results obtained from test samples.



INDUSTRIAS ALCORENSES CONFEDERADAS S.A.

C/ San Salvador, 54

12110, Alcora, Castellón (Spain)

(+34) 964 368 000

www.inalco.es www.inalcotrends.com



Publication date: July 2021