

Product Data Sheet



asu

U-Facing bricks category I

Designation/Characteristics	Declaration/Measured Values	Requirements Standard
Intended purpose	For exposed masonry in a highly corrosive environment.	EN 771-1
Manufacturer's designation		
Name	galena geo ferrum liso	
Item number	K508WDF	
Product line	galena	
Colour group	brown	
Size L x W x H / mm	215 x 102 x 65	
Declaration	U facing brick Tm Rm D2 F2	EN 771-1
Water absorption [mass-%]	fulfilled	≤ 6 EN 771-1
Durability/ Frost resistance	fulfilled	EN 771-1 100 freeze-thaw-cycles without variation
Durability Class	F2	
Reaction to fire, Euro class	A1	EN 771-1
Work size		EN 771-1
Length / mm	215	
Width / mm	103	
Height / mm	65	
Limit deviations		EN 771-1
Mean value class	Tm	
Length / mm	fulfilled	-9, + 4
Width / mm	fulfilled	± 5
Height / mm	fulfilled	± 3
Dimensional range class	Rm	
Length / mm	fulfilled	9
Width / mm	fulfilled	5
Height / mm	fulfilled	4
Shape	c)	EN 771-1
Compressive strength		
Compressive strength, Category	I	EN 771-1
Mean value [N/mm ²]	fulfilled	≥ 44
Stress direction	perpendicular to bed joint	
Content of active soluble salts, class	S2/S3	EN 771-1/ DIN 20000-401

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Water vapour permeability	50/100 μ	EN 1745:2012
Compound strength [N/mm²]	NPD	EN 998-2
Gross dry density Mean value / kg/m ³	1510	EN 771-1
Deviation class	D2	
Form, shape, dimensions, limit deviations	see above	
Net dry density Mean value / kg/m ³	2350	EN 771-1
Deviation class	D2	
Hazardous substances	according to annex ZA 3	EN 771-1
Thermal conductivity [W/(m · K)]	NPD	EN 1745
Type of brick	vertically perforated clinker B	DIN 20000-401 /
Compressive strength class	28	DIN 105-100
Raw density class	1,6	
Short description	kHLzB 28 - 1,6 - 215 x 102,5 x 65 mm	

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