	Declarat	ion of Performance			
	N° A	ABG310606LWS6			
Product Type:		HCB 6'' LWS - 6MPa			
Intended use(s):		Masonry in load bearing building and civil applications in walls, columns and partiti that are designed not to be left exposed. These products are intended for use as a construction product in accordance with the applicable harmonised technical standa and specification as foreseen by the manufacturer.			
Manufacturer:		Cementstone Manufacturing Company Ltd. C 7758 Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta ATD 4000			
Authorised Representative:		Andrew Vella			
System of AVCP:		System 2+			
Harmonised Standard:		EN771-3:2011+A1:2015			
Notified Body:		ABICert S.a.s. of Bianco Antonio & C NB 1982			
	Decla	ared Performance			
Essential Characteristics		Performance			
Configuration	Shape and Features				
	Group according to EN 1996-1-1 (EC6)	Group 2			
Dimensions	Length	450 mm			
	Width	145 mm			
	Height	255 mm			
	Tolerance Category	D1			
Compressive Strength	Typical mean compressive strength	6 N/mm ²			
	Direction of load	Perpendicular to bed faces			
Bond Strength	Shear bond strength	0.15 N/mm ² (Fixed value)			
	Flexural bond strength	NPD			
Direct airborne sound insulation	Typical Gross Dry Density	1000 kg/m ³			
(in end conditions) / [Density and configuration]	Configuration, dimensions and tolerances	See configuration			
Water Absorption		Not to be left exposed			
Unit category		Category 1			
Dimensional Stability		NPD			
Water Vapour Permability		5/15 μ (Tabulated Value)			
Typical Thermal Resistance / [Density and configuration]		0.321m ² K/W **			
for units intended to be used in elements subject to thermal insulation requirements)		Nation ha laft arrest 1			
Durability against fr		Not to be left exposed			
Dangerous substances		NPD			

The performance of the product identified above is in conformity with the set of declared performance/s. This de-claration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above. Furthermore the above declared performance and characteristics of the masonry unit as identified in this DoP, are achieved after 28 calendar days from production date. ** Please refer to product's TDS for Thermal Conductivity value.

Signed for and on behalf of the manufacturer by:

Andrew Vella at Cementstone Manufacturing Company Ltd, Attard Bros Group, Ta' Qali

on [date of issue] 6th September 2024

[signature]

Cementstone Manufacturing Company Ltd. C 7758

Attard Bros Group, "MikeSand", Industrial Zone, Ta' Qali, Malta, ATD 4000

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ABG310606LWS6

EN 771-3:2011+A1:2015

Intended use(s):walls, colum left exposed construction harmonisedCharacteristicsConfiguration:Dimensions:L: 450 mDimensional Tolerances:Typical Mean Compressive Strength:Bond Strength:Direction of load:PerTypical Gross Dry DensityWater Absorption:Moisture Movement:Water Vapour Permability:	U	roduct: HCB6" LWS - 6MPa		
Configuration:IDimensions:L:Dimensional Tolerances:ITypical Mean Compressive Strength:IBond Strength:IDirection of load:PerTypical Gross Dry DensityIWater Absorption:IMoisture Movement:IU	Masonry in load bearing building and civil applications in walls, columns and partitions that are designed not to be left exposed. These products are intended for use as a construction product in accordance with the applicable harmonised technical standards and specification as foreseen by the manufacturer.			
Dimensions:L: 450 mDimensional Tolerances:ITypical Mean Compressive Strength:IBond Strength:IDirection of load:PerpTypical Gross Dry DensityIWater Absorption:IMoisture Movement:IWater Vapour Permability:I	aracteristics Performance			
Dimensional Tolerances:Image: Compressive Strength:Typical Mean Compressive Strength:Image: Compressive Strength:Bond Strength:Image: Compressive Strength:Direction of load:PergTypical Gross Dry DensityImage: Compressive Strength:Water Absorption:Image: Compressive Strength:Moisture Movement:Image: Compressive Strength:Uter Vapour Permability:Image: Compressive Strength:	Group 2			
Typical Mean Compressive Strength:Bond Strength:Direction of load:PerjTypical Gross Dry DensityWater Absorption:Moisture Movement:Water Vapour Permability:	n W:	: 145 mm	H:	255 mm
Bond Strength: Perp Direction of load: Perp Typical Gross Dry Density Perp Water Absorption: Perp Moisture Movement: Perp Water Vapour Permability: Perp		D1		
Direction of load: Perg Typical Gross Dry Density	6.0 N/mm ²			
Typical Gross Dry Density Water Absorption: Moisture Movement: Water Vapour Permability:	0.15 N/mm ² (Fixed value)			
Water Absorption: Moisture Movement: Water Vapour Permability:	Perpendicular to bed faces Category 1			
Moisture Movement: Water Vapour Permability:	ndicular t	1000 kg/m ³		
Water Vapour Permability:		Not to be left exposed		
		NPD		
		NPD	$5/15 \mu$ (tabulated value)	
Durability			ated va	
Reaction to Fire:	1000		ated va	

For other information visit our website: www.attardbros.com

