Modal X textured/smooth | 80mm depth



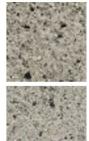




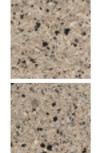




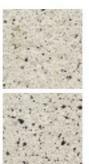
Modal X Mid Grey Granite Textured/smooth



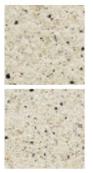
Modal X Silver Grey Granite Textured/smooth



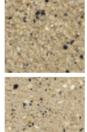
Modal X Pink Granite Textured/smooth



Granite
Textured/smooth



Modal X Light Cream Granite Textured/smooth



Modal X Oatmeal Granite Textured/smooth



Modal X Indian Granite Textured/smooth

Modal X is a premium, contemporary concrete range that offers a mix of different paving formats.

- Twelve versatile plan sizes
- Eight colours and two textures
- Inspired by high quality natural granite
- Higher levels of design flexibility
- Manufactured in Britain using Marshalls' concrete technology

DESCRIPTION		
Appearance	Solid unit with textured/smooth surface and integral spacers with Maxi-Mix Technology	
Manufacturing process	Semi dry pressed & vibrated concrete	
Base raw material	Concrete	
Governing manufacturing standards	All data where relevant to be established in accordance with BS EN 1338:2003 (Block) All data where relevant to be established in accordance with BS EN 1339:2003 (Flag)	
Installation standards	Laid in accordance with BS 7533-3: 2005+ A1:2009 (Block) & BS7533-4:2006 (Flag)	
UKCA marking/DOP	https://www.marshalls.co.uk/dop	

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PHYSICAL PROPERTIES		
Dimensions (mm)	Work	Nominal
	99 x 99 x 80	100 x 100 x 80
	159 x 119 x 80	160 x 120 x 80*
	159 x 159 x 80	160 x 160 x 80*
	199 x 99 x 80	200 x 100 x 80*
	199 x 199 x 80	200 x 200 x 80*
	299 x 199 x 80	300 x 200 x 80*
	199 x 49 x 80 599 x 199 x 80	200 x 50 x 80
	239 x 159 x 80	600 x 200 x 80* (Flag) 240 x 160 x 80*
	299 x 99 x 80	300 x 100 x 80
	299 x 299 x 80	300 x 300 x 80
	599 x 299 x 80	600 x 300 x 80 (Flag)
	0,7 % 2,7 % 00	*Priora Available
Approx unit weight (kg)	Unit	Weight
	100 x 100 x 80	2
	160 x 120 x 80	4
	160 x 160 x 80	5
	200 x 100 x 80	4
	200 x 200 x 80	7
	300 x 200 x 80	11
	200 x 50 x 80	2
	600 x 200 x 80	23
	240 x 160 x 80	8
	300 x 100 x 80 300 x 300 x 80	6 14
	600 x 300 x 80	32
Tolerances on work dimensions (mm)	Length ±2mm, width ±2mm, thickness ±3mm	
Loading classification	We are unable to give specific loading classification as the maximum loading suitability for this product is not applicable on every size and is subject to install method. For further guidance, please contact Technical Advisory Services Department on 0370 411 2233.	
Abrasion resistance (mm)	≤ 23mm (Wide Wheel Abrasion Test)	
Durability (freeze/thaw)	\leq 1.0 kg/m ² as a mean with no individual value \geq 1.5 kg/m ²	
Material density	2300 kg/m³ (typically)	
Slip/skid resistance (polished)	Mean polished skid resistance value (PSRV): > 45	
Slip/skid resistance (unpolished)	Mean unpolished skid resistance value (USRV): > 45	
Thermal conductivity (K value)	Design data as defined to BS EN 13369 : 2013	
Facing layer	4mm minimum thickness	
Tensile splitting strength (Block)	Characteristic tensile splitting strength not less than 3.6 MPa. None of the individual results shall be less than 2.9 MPa, nor have a failure load less than 250 N/mm of splitting length	
Bending strength* (Flag)	Characteristics bending strength of 5.0 MPa with no individual result less then 4.0 MPa	

Emission of asbestos	No content		
External fire performance	Deemed to satisfy. 2000/553/ECU	Deemed to satisfy. See commission decision 2000/553/ECU	
Reaction to fire	Class A1, see comr EC	Class A1, see commission decision 2000/605	
SUSTAINABILITY			
Breeam		These units can achieve an "A" rated system when used in conjunction with the correct sub-base components	
SITE WORKS			
Coverage	Unit 100 x 100 x 80 160 x 120 x 80 160 x 160 x 80 200 x 100 x 80 200 x 200 x 80 300 x 200 x 80 200 x 50 x 80 600 x 200 x 80 240 x 160 x 80 300 x 100 x 80 300 x 300 x 80 600 x 300 x 80	Coverage 100 no per m² 52 no per m² 39 no per m² 50 no per m² 50 no per m² 25 no per m² 16 no per m² 105 no per m² 8 no per m² 26 no per m² 33 no per m² 11 no per m² 5 no per m²	
SUPPLY			
Units per pack	Unit 100 x 100 x 80 160 x 120 x 80 160 x 160 x 80 200 x 100 x 80 200 x 200 x 80 300 x 200 x 80 200 x 50 x 80 600 x 200 x 80 240 x 160 x 80 300 x 300 x 80 600 x 300 x 80	Per pack 576 324 252 378 180 120 528 56 180 216 84	
Av. pack weight (kg)	Unit 100 x 100 x 80 160 x 120 x 80 160 x 160 x 80 200 x 100 x 80 200 x 200 x 80 300 x 200 x 80 200 x 50 x 80 600 x 200 x 80 240 x 160 x 80 300 x 100 x 80 300 x 300 x 80 600 x 300 x 80	Weight 1152 1296 1260 1360 1296 1296 1056 828 1440 1296 1176	
Packaging		All packs are shrink wrapped onto pallets for	

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fork off-load or crane off-load if necessary

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FURTHER INFORMATION		
Cleaning & maintenance	Cleaning and maintenance details are available on request	
Efflorescence	Any product containing cement during its early life may exhibit a temporary white discolouration known as efflorescence. This is not a product fault and will gradually disappear with exposure to natural weathering and trafficking	
Weathering	It should be appreciated that with all products weathering and site conditions can cause shade variation to appear across the surface of individual units. This does not in any way affect the performance of the units and any such variation will diminish over a period of time as the product matures.	
Product evolution	Marshalls reserve the right to amend the technical information as deemed necessary and in accordance with the relevant national and international standards without notice. The evolution of new product design is continuous and information is subject to change without notice. Customers should check with the supplier to ensure that they have the latest details.	
Contact us	For technical information on the design, specification and construction when utilising the product, contact the Technical Advisory Services Department on 0370 411 2233.	

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