

DECLARATION OF PERFORMANCE

No13-SC-B04



Product Type/Identification: 7.3 Dense Close Texture
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	440mm	EN771-3:2011
	Widths	100mm	
		140mm	
		190mm	
	Height	215mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	7.3N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2000kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.00 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Pass	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:

Vincent Stowell
Managing Director 1st July 2013.

DECLARATION OF PERFORMANCE

No13-SC-B08

Product Type/Identification: 7.3 Stowlite Close Texture
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

**UK
CA**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	440mm	EN771-3:2011
	Widths	100mm 140mm 190mm	
	Height	215mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	7.3N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.8mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<20g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	1500kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		0.53 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Not to be left exposed	
Dangerous substances		NPD	

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Signed on behalf of Stowell Concrete Ltd:



Vincent Stowell
Managing Director 1st July 2013.

DECLARATION OF PERFORMANCE

No13-SC-B10

Product Type/Identification: 7.3 Dense Close Texture Brick
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

**UK
CA**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	215mm	EN771-3:2011
	Width	100mm 140mm	
	Height	65mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	7.3N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2000kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.00 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Pass	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:



Vincent Stowell
Managing Director 1st July 2013.

DECLARATION OF PERFORMANCE

No13-SC-B14

Product Type/Identification: 7.3 Stowlite Close Texture Brick
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

**UK
CA**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	215mm	EN771-3:2011
	Width	100mm 140mm	
	Height	65mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	7.3N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.8mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<20g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	1500kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		0.53 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Not to be left exposed	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:



Vincent Stowell
Managing Director 1st July 2013.

DECLARATION OF PERFORMANCE

No13-SC-B17

Product Type/Identification: 7.3 Dense Midi Close Texture
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

**UK
CA**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Lengths	440mm 290mm	EN771-3:2011
	Width	140mm	
	Height	140mm 215mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	7.3N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2000kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.00 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Pass	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:



Vincent Stowell
Managing Director 1st July 2013.

DECLARATION OF PERFORMANCE

No13-SC-B29

Product Type/Identification: 10.4 Dense Close Texture
Intended Use: In walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

**UK
CA**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Length	440mm	EN771-3:2011
	Widths	100mm	
		140mm	
		190mm	
	Height	215mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	10.4N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2050kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.06 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Pass	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:



Vincent Stowell
Managing Director 1st July 2013.

DECLARATION OF PERFORMANCE

No13-SC-B30

Product Type/Identification: 10.4 Dense Midi Close Texture
Intended Use: in walls, columns & partitions
Manufacturer: Stowell Concrete Ltd

Arnolds Way
Yatton
North Somerset
BS49 4QN

Email: sales@stowellconcrete.co.uk

Authorised Representative: Not Applicable
AVCP: System 4
Harmonised Standard: EN771-3:2011
ETA: Not relevant
Declared Performance:

**UK
CA**

Essential Characteristics		Performance	Harmonised Technical Specification
Dimensions	Lengths	440mm 290mm	EN771-3:2011
	Width	140mm	
	Height	140mm 215mm	
	Tolerance category	D1	
Configuration	Shape and features	Solid	
	Group according to EN 1996-1-1 (EC6)	Group 1	
Compressive strength	Mean compressive strength	10.4 N/mm ²	
	Direction of load	Perpendicular to bed faces	
	Unit category	Category II	
Dimensional stability		<0.4mm/m	
Bond strength	Shear bond strength	0.15N/mm ² Tabulated value	
	Flexural bond strength	NPD	
Reaction to fire		A1	
Water absorption		<8g/m ² /s	
Water vapour permeability		5/15 Tabulated value	
Direct airborne sound Insulation	Gross density	2050kg/m ³	
	Configuration; dimensions and tolerances	See configuration	
Thermal conductivity		1.06 (λ_{10} , dry unit) W/mK	
Durability against freeze thaw		Pass	
Dangerous substances		NPD	

This declaration of performance is issued under the sole responsibility of the manufacturer above.
Signed on behalf of Stowell Concrete Ltd:



Vincent Stowell
Managing Director 1st February 2016.