

Block Description	Page No	Size
Hemelite Solid Standard 3.6N/mm ² 1450kg/m ³	2	440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Hemelite Solid Standard 7.3N/mm ² 1450kg/m ³	3	440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Hemelite Solid Standard 10.4N/mm ² 1450kg/m ³	4	440mm x(75, 90, 100, 140, 150, 190)mm x 215mm
Hemelite Cellular Standard 3.6N/mm ² 1450kg/m ³	5	440mm x (140, 190)mm x 215mm
Hemelite Cellular Standard 3.6N/mm ² 1450kg/m ³	6	440mm x 100 x 215mm
Hemelite Solid Paint Quality 3.6/mm ² 1450kg/m ³	7	440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Hemelite Solid Paint Quality 7.3N/mm ² 1450kg/m ³	8	440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Hemelite Solid Paint Quality 10.4N/mm ² 1500kg/m ³	9	440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Hemelite Solid Ultralite 3.6N/mm ² 960kg/m ³	10	440mm x 100mm x 215mm
Hemelite Solid Ultralite 7.3N/mm ² 960kg/m ³	11	440mm x 100mm x 215mm
Hemelite Foundation Standard 7.3N/mm ² 1400kg/m ³	12	275mm x 300mm x 140mm
Topcrete Solid Standard 7.3N/mm ² 1950kg/m ³	13	440mm x (75, 90, 100, 140, 215)mm x 215mm 290mm x 140mm x 215mm (midi)
Topcrete Solid Standard 10.4N/mm ² 1950kg/m ³	14	440mm x (90, 100, 140, 150)mm x 215mm 290mm x 140mm x 215mm (midi)
Topcrete Solid Standard 17.5N/mm ² 1950kg/m ³	15	440mm x (90, 100, 140)mm x 215mm 290mm x 140mm x 215mm (midi)
Topcrete Solid Standard 22.5N/mm ² 1950kg/m ³	16	440mm x (100, 140, 150)mm x 215mm 290mm x 140mm x 215mm (midi)
Topcrete Cellular Standard 3.6N/mm ² 1950kg/m ³	17	440mm x (140, 150)mm x 215mm
Topcrete Cellular Standard 3.6N/mm ² 1950kg/m ³	18	440mm x 100mm x 215mm
Topcrete Cellular Standard 7.3N/mm ² 1950kg/m ³	19	440mm x 140mm x 215mm
Topcrete Cellular Standard 7.3N/mm ² 1950kg/m ³	20	440mm x 100mm x 215mm
Topcrete Hollow Standard 3.6N/mm ² 1950kg/m ³	21	440mm x 215mm x 215mm
Topcrete Hollow Standard 7.3N/mm ² 1950kg/m ³	22	440mm x (140, 215)mm x 215mm
Topcrete Solid Paint Quality 7.3N/mm ² 1850kg/m ³	23	440mm x (90, 100, 140)mm x 215mm 290mm x 140mm x 215mm (midi)
Topcrete Solid Paint Quality 10.4N/mm ² 1850kg/m ³	24	440mm x (100, 140)mm x 215mm 290mm x 140mm x 215mm (midi)
Topcrete Cellular Paint Quality 3.6N/mm ² 1850kg/m ³	25	440mm x 215mm x 215mm
Topcrete Cellular Paint Quality 3.6N/mm ² 1850kg/m ³	26	440mm x 100mm x 215mm
Topcrete Cellular Paint Quality 7.3N/mm ² 1850kg/m ³	27	440mm x (140, 215)mm x 215mm
Topcrete Cellular Paint Quality 7.3N/mm ² 1850kg/m ³	28	440mm x 100mm x 215mm
Topcrete Hollow Paint Quality 3.6N/mm ² 1850kg/m ³	29	440mm x 215mm x 215mm
Topcrete Hollow Paint Quality 7.3N/mm ² 1850kg/m ³	30	440mm x 215mm x 215mm
Topcrete Solid RPW 7.3N/mm ² 1950kg/m ³	31	290mm x 190mm x 140mm
Topcrete Solid RPW 10.4N/mm ² 1950kg/m ³	32	290mm x 190mm x 140mm
Topcrete Foundation Standard 7.3N/mm ² 1600kg/m ³	33	275mm x 300mm x 140mm



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Standard 3.6N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (75, 90, 100, 140, 150, 190)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Compressive strength: Group 1 unit to EN 1996-1-1
mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value: 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1450 kg/m³

Configuration: As above

Thermal conductivity: 0.51 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Standard 7.3N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)
Dimensional stability: moisture movement: NPD
Shear bond strength: Fixed value: 0.15 N/mm²
Flexural bond strength: Not to be left exposed
Reaction to fire: Euroclass A1
Water absorption: NPD
Water vapour diffusion coefficient: 5/15
Direct airborne sound insulation:
Gross dry density: 1450 kg/m³
Configuration: As above
Thermal conductivity: 0.51 W/mK (λ10, dry)
Durability against freeze/thaw: Not to be left exposed
Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Standard 10.4N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x(75, 90, 100, 140, 150, 190)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Group 1 unit to EN 1996-1-1

Compressive strength:

mean: 10.4 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength:

Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1450 kg/m³

Configuration: As above

Thermal conductivity:

0.51 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH 13

17

DoP No. 010

EN 771-3:2011

Hemelite Cellular Standard 3.6N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (140, 190)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 2 unit to EN 1996-1-1
Compressive strength: mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1450 kg/m³

Configuration: As above

Thermal conductivity: 0.51 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Cellular Standard 3.6N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 100mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Group 1 unit to EN 1996-1-1
mean: 3.6 N/mm² (⊥ bedface)

Compressive strength:

Dimensional stability: moisture movement:

NPD

Shear bond strength: Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1450 kg/m³

Configuration: As above

Thermal conductivity:

0.51 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Paint Quality 3.6N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (75, 90, 100, 140, 150, 190)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Group 1 unit to EN 1996-1-1

Compressive strength:

mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength:

Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1450 kg/m³

Configuration:

As above

Thermal conductivity:

0.51 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Paint Quality 7.3N/mm² 1450kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (75, 90, 100, 140, 150, 190)mm x 215mm
Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Compressive strength: Group 1 unit to EN 1996-1-1
mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1450 kg/m³

Configuration: As above

Thermal conductivity: 0.51 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, 110 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Paint Quality 10.4N/mm² 1500kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (75, 90, 100, 140, 150, 190)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 10.4 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value: 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:
Gross dry density: 1500 kg/m³

Configuration: As above
0.53 W/mK (λ10,dry)

Thermal conductivity:

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Ultralite 3.6N/mm² 960kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x100mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Compressive strength: Group 1 unit to EN 1996-1-1
mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 960 kg/m³

Configuration: As above

Thermal conductivity: 0.28 W/mK (λ10,dry)

Durability against freeze/thaw: NPD

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH 13

17

DoP No. 010

EN 771-3:2011

Hemelite Solid Ultralite 7.3N/mm² 960kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x100mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD
Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD
Reaction to fire: Euroclass A1

Water absorption: NPD
Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:
Gross dry density: 960 kg/m³
Configuration: As above

Thermal conductivity: 0.28 W/mK (λ10,dry)

Durability against freeze/thaw: NPD

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Hemelite Foundation Standard 7.3N/mm² 1400kg/m³

Category II aggregate concrete masonry units

Dimension: 275mm x 300mm x 140mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Compressive strength: Group 1 unit to EN 1996-1-1
mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1400 kg/m³

Configuration: As above

Thermal conductivity: 0.48 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid Standard 7.3N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (75, 90, 100, 140, 215)mm x 215mm
290mm x 140mm x 215mm (midi)

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)
Dimensional stability: moisture movement: NPD
Shear bond strength: Fixed value 0.15 N/mm²
Flexural bond strength: NPD
Reaction to fire: Euroclass A1
Water absorption: Not to be left exposed
Water vapour diffusion coefficient: 5/15
Direct airborne sound insulation:
Gross dry density: 1950 kg/m³
Configuration: As above
Thermal conductivity: 0.95 W/mK (λ10,dry)
Durability against freeze/thaw: Not to be left exposed
Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid Standard 10.4N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (90, 100, 140, 150)mm x 215mm
290mm x 140mm x 215mm (midi)

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 10.4 N/mm² (⊥ bedface)
Dimensional stability: moisture movement: NPD
Shear bond strength: Fixed value: 0.15 N/mm²
Flexural bond strength: NPD
Reaction to fire: Euroclass A1
Water absorption: Not to be left exposed
Water vapour diffusion coefficient: 5/15
Direct airborne sound insulation:
Gross dry density: 1950 kg/m³
Configuration: As above
Thermal conductivity: 0.95 W/mK (λ10,dry)
Durability against freeze/thaw: Not to be left exposed
Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid Standard 17.5N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (90, 100, 140)mm x 215mm
290mm x 140mm x 215mm (midi)

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 17.5 N/mm² (⊥ bedface)
Dimensional stability: moisture movement: NPD
Shear bond strength: Fixed value: 0.15 N/mm²
Flexural bond strength: Not to be left exposed
Reaction to fire: Euroclass A1
Water absorption: NPD
Water vapour diffusion coefficient: 5/15
Direct airborne sound insulation:
Gross dry density: 1950 kg/m³
Configuration: As above
Thermal conductivity: 0.95 W/mK (λ10,dry)
Durability against freeze/thaw: Not to be left exposed
Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid Standard 22.5N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (100, 140, 150)mm x 215mm
290mm x 140mm x 215mm (midi)

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 22.5 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity: 0.95 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Standard 3.6N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (140, 150)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 2 unit to EN 1996-1-1
Compressive strength: mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity: 0.95 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



T Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Standard 3.6N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 100mm x 215mm

Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Group 1 unit to EN 1996-1-1

Compressive strength:

mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength: Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity:

0.95 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Standard 7.3N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 140mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Group 2 unit to EN 1996-1-1

Compressive strength:

mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength:

Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed NPD

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity:

0.95 W/mK (λ10, dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



T Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Standard 7.3N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 100mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed NPD

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity: 0.95 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Hollow Standard 3.6N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 215mm x 215mm

Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Group 2 unit to EN 1996-1-1

Compressive strength:

mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength: Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity:

0.95 W/mK (λ10, dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Hollow Standard 7.3N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (140, 215)mm x 215mm

Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Group 2 unit to EN 1996-1-1

Compressive strength:

mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength: Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity:

0.95 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid Paint Quality 7.3N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (100, 140)mm x 215mm
290mm x 140mm x 215mm (midi)

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:
Gross dry density: 1850 kg/m³
Configuration: As above

Thermal conductivity: 0.86 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid Paint Quality 10.4N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (100, 140)mm x 215mm
290mm x 140mm x 215mm (midi)

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 10.4 N/mm² (⊥ bedface)
Dimensional stability: moisture movement: NPD
Shear bond strength: Fixed value: 0.15 N/mm²
Flexural bond strength: NPD
Reaction to fire: Euroclass A1
Water absorption: Not to be left exposed
Water vapour diffusion coefficient: 5/15
Direct airborne sound insulation:
Gross dry density: 1850 kg/m³
Configuration: As above
Thermal conductivity: 0.86 W/mK (λ10,dry)
Durability against freeze/thaw: Not to be left exposed
Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Paint Quality 3.6N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 215mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 2 unit to EN 1996-1-1
Compressive strength: mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value: 0.15 N/mm²

Flexural bond strength: Not to be left exposed

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1850 kg/m³

Configuration: As above

Thermal conductivity: 0.86 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Paint Quality 3.6N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 100mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: Not to be left exposed

Reaction to fire: Euroclass A1

Water absorption: NPD

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1850 kg/m³

Configuration: As above

Thermal conductivity: 0.86 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Paint Quality 7.3N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x (140, 215)mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 2 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value: 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1850 kg/m³

Configuration: As above

Thermal conductivity: 0.86 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Cellular Paint Quality 7.3N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 100mm x 215mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration: Group 1 unit to EN 1996-1-1
Compressive strength: mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value: 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1850 kg/m³

Configuration: As above

Thermal conductivity: 0.86 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Hollow Paint Quality 3.6N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 215mm x 215mm

Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Compressive strength: Group 2 unit to EN 1996-1-1
mean: 3.6 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1850 kg/m³

Configuration: As above

Thermal conductivity: 0.86 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Hollow Paint Quality 7.3N/mm² 1850kg/m³

Category II aggregate concrete masonry units

Dimension: 440mm x 215mm x 215mm

Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Group 2 unit to EN 1996-1-1

Compressive strength:

mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength: Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1850 kg/m³

Configuration: As above

Thermal conductivity:

0.86 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, i10 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid RPW 7.3N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 290mm x 190mm x 140mm

Dimensional tolerances

Category: D1

Flatness: NPD

Plane parallelism: NPD

Configuration:

Group 1 unit to EN 1996-1-1

Compressive strength:

mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement:

NPD

Shear bond strength: Fixed value

0.15 N/mm²

Flexural bond strength:

NPD

Reaction to fire:

Euroclass A1

Water absorption:

Not to be left exposed

Water vapour diffusion coefficient:

5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity:

0.95 W/mK (λ10,dry)

Durability against freeze/thaw:

Not to be left exposed

Dangerous substances:

See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, 110 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Solid RPW 10.4N/mm² 1950kg/m³

Category II aggregate concrete masonry units

Dimension: 290mm x 190mm x 140mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Compressive strength: Group 1 unit to EN 1996-1-1
mean: 10.4 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1950 kg/m³

Configuration: As above

Thermal conductivity: 0.95 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).



Tarmac Building Products Limited, 110 Railway Drive, Wolverhampton, WV1 1LH

17

DoP No. 010

EN 771-3:2011

Topcrete Foundation Standard 7.3N/mm² 1600kg/m³

Category II aggregate concrete masonry units

Dimension: 275mm x 300mm x 140mm

Dimensional tolerances

Category: D1
Flatness: NPD
Plane parallelism: NPD

Configuration:

Compressive strength: Group 1 unit to EN 1996-1-1
mean: 7.3 N/mm² (⊥ bedface)

Dimensional stability: moisture movement: NPD

Shear bond strength: Fixed value 0.15 N/mm²

Flexural bond strength: NPD

Reaction to fire: Euroclass A1

Water absorption: Not to be left exposed

Water vapour diffusion coefficient: 5/15

Direct airborne sound insulation:

Gross dry density: 1600 kg/m³

Configuration: As above

Thermal conductivity: 0.69 W/mK (λ10,dry)

Durability against freeze/thaw: Not to be left exposed

Dangerous substances: See note below

Note: Information on dangerous substances will only be given when and where required and in the appropriate form (see ZA.3).