

DATASHEET WHEEL STOPPER

This high quality, load bearing standard concrete Precast Wheel stoppers used in majority of applications of parking and is suitable for use above and below DPC level.

All products are 100% natural Aggregate and where appropriate natural graded aggregates are combined with locally sourced primary aggregates. All are manufactured in accordance with QCS-2014



Hole 4 X 25mm

Standard - 1800x150x150MM



Dimensional tolerances:

Length	1800mm/2000mm
Width	150mm
Height	150mm
Weight	100 kg/110kg
Tolerance	+ or - 3mm
Dry density	2350 kg/m ³
Shape & features	Standard finish
Concrete Grade	30N

Mean unit strength:

Mean normalized strength	40.N/mm ²
Direction of load	Perpendicular to bed faces
Unit category	Cat II
Reinforced steel	< 1800x10mm steel 2 layer

Bond strength:

Shear bond	N/A
Flexural bond	N/A

Reaction to fire:

Classification to EN 13501-1	A1
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Water vapor diffusion coefficient:

Water absorption	6%
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Thermal conductivity	N/A
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Sound:

Airborne sound insulation	solid with steel Reinforced
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Durability:

Fire resistance	N/A
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DATASHEET

Concrete Precast Wheel Stopper

Pack Sizes

Our concrete Precast product contain natural aggregates that vary slightly in color from time to time. We therefore cannot guarantee that manufactured products from different production batches will always have identical coloration. Therefore, we advise that when using several packs of blocks on exposed blockwork, that the product is drawn randomly from all of the packs used to achieve an overall well blended appearance

Size (mm)	Type	design	No. per pack	m ² per pack	Units/m ²	Unit weight (kg's)
1800x150x150	Precast	standard	5	9	1.8	100
2000x150x150	Precast	Standard	5	10	2.0	110

Technical Data

Composition

All products are manufactured from accurately control proportions of aggregate, sand & OPC cement. The products are manufactured from natural materials and may be subject to slight variations. It is therefore recommended that users work from 3-4 packs to achieve optimum color blending.

Weathering

Many factors influence weathering characteristics, such as location, degree of exposure prevailing weather conditions and design. Qatar clay bricks blocks will weather in a similar manner to natural stone.

Qatar clay brick will not be held responsible for the apparent colour fading or any other effect on the appearance of the stone due to efflorescence. This is a temporary phenomenon characteristic of all high cement content products which will reduce over time.

Water Absorption

As with all facing masonry (reconstituted stone, bricks and natural stone) the external envelope is totally impervious to heavy driving rain as there is the possibility that water penetration will take place site practice should be observed. Tests carried out

gave a mean average of less than 6% absorption by weight after 24 hours.

Movement Joints

Consideration must be given to the inclusion of movement joints. These should be installed wherever there are changes in height, wall thickness and not greater than 6-meter centers of continuous walling. Bed reinforcement should be included above and below openings extending at least 600mm either side of the opening.

Mortars

We strongly recommend the use of mortars containing lime because their lower permeability gives greater resistance to rain penetration.
Cement: Lime: Sand = 1:1:6
Masonry Cement: Sand = 1:4
Plasticized Cement: Sand = 1:5-6

Packaging

All products have every layer strapped and interlocked allowing for optimum pack safety & integrity. To assist movement via forklift, non-returnable wooden delivery pallets are available upon request. For safety on uneven ground, packs should not be stacked greater than 2 high.