



DATA SHEET

DOUBLE SIDED CONCRETE BARRIER



2000 MM

PRODUCT DESCRIPTION

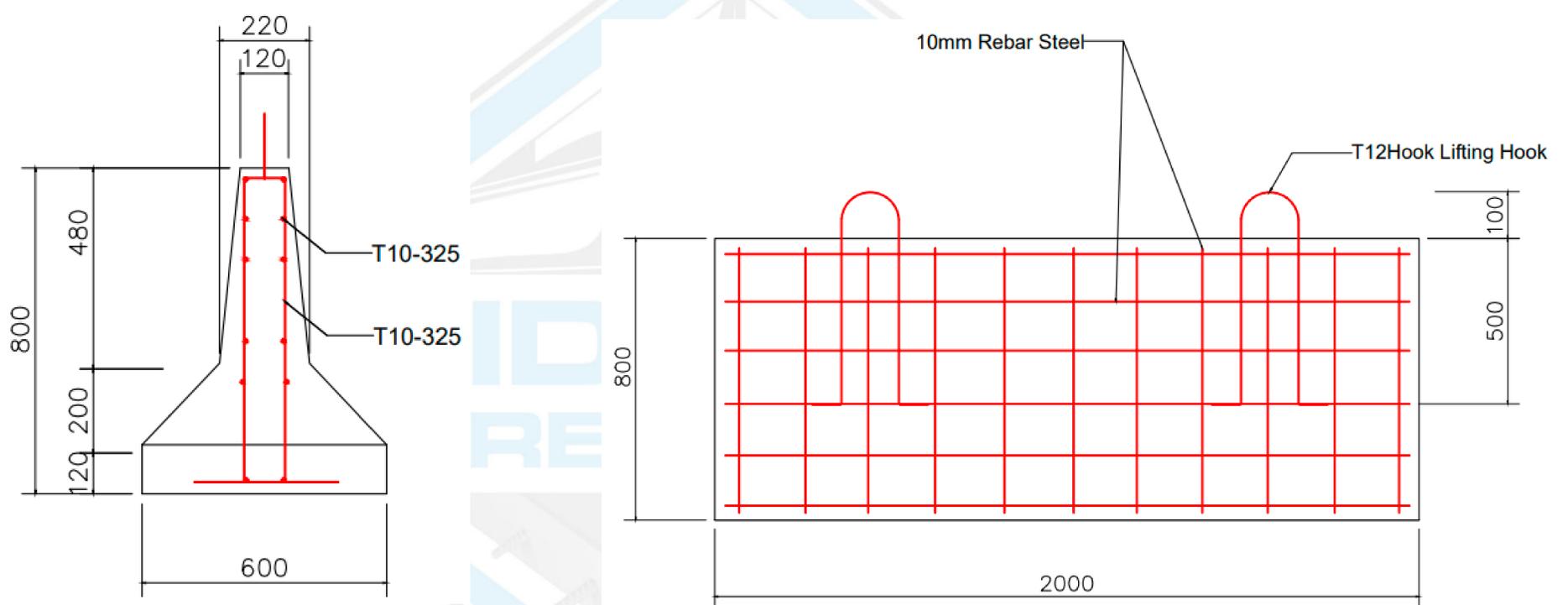
The concrete barrier in precast is made double side, technically designed and produced to meet specification, safety, and standard. Wide base makes it structurally stable on the ground for a free stand installation which is very effective in traffic division lanes. Double side precast concrete aims to limit damages on vehicle in case of unplanned contact, prevent head-on collision, and cross over. Chamfered faces make it very efficient to hold the vehicle in place. This barrier is recommended for easy transmission and installation. Moreover, it is swift to replace in position, after road accident occurrence.



Double Side End Type Concrete Barrier Specification

AVERAGE VALUE TABLE

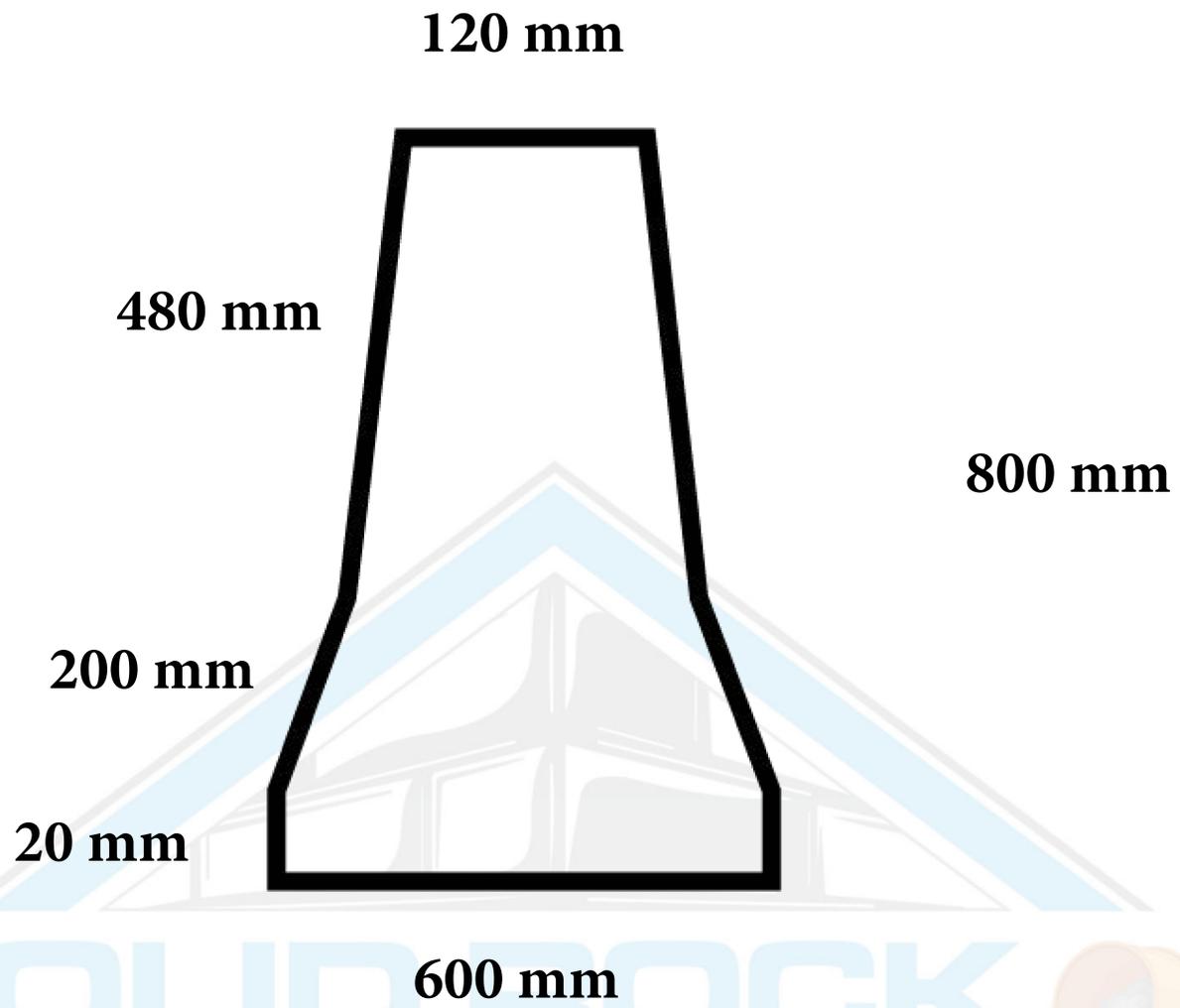
PROPERTIES	DOUBLE FACE SMOOTH END
Approximate Weight	1178 kg per unit
Water absorption rate	0.2%
Compressive Strength	11250 psi
Concrete mix design	C20 x 20 Newton 200 kg
MS Rebar and Hook	10mm Steel rebar 12mm Hook
Painting Grade (A)	RED AND WHITE
Fire Resistance	Class-A



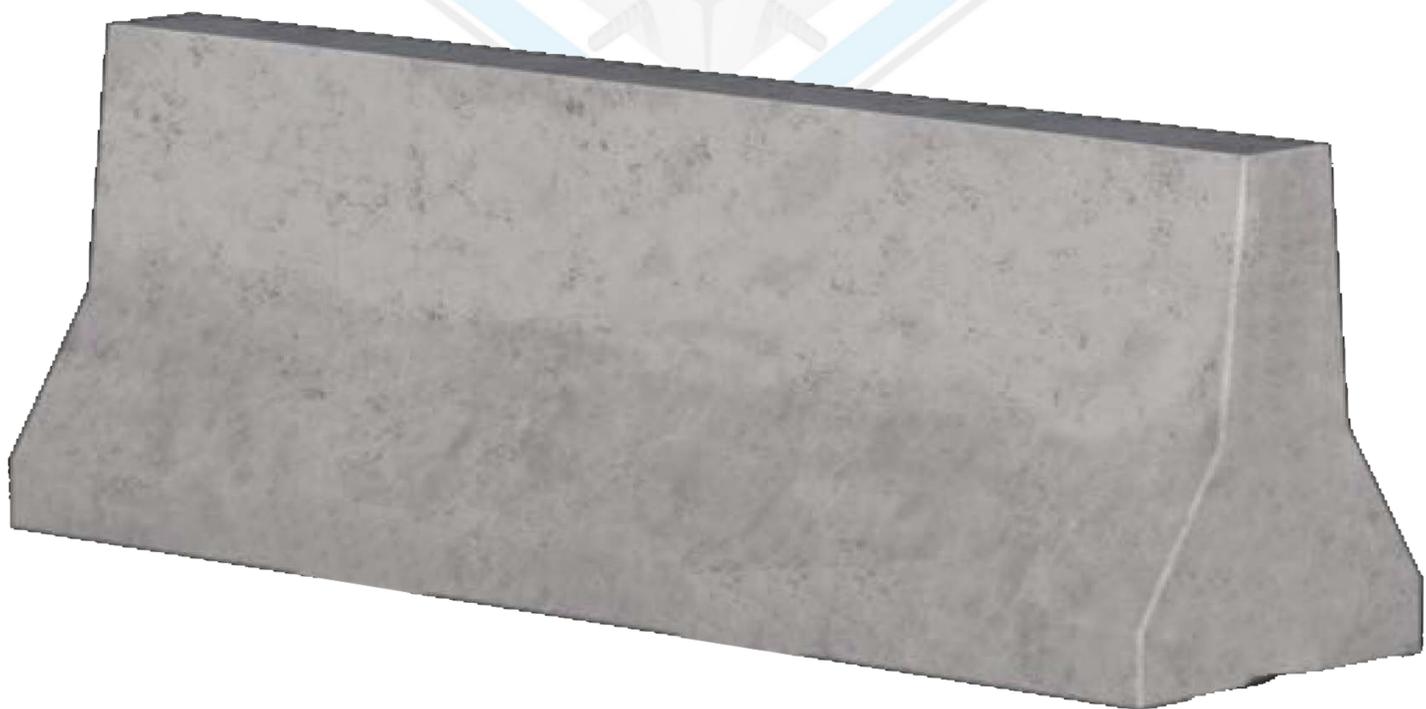
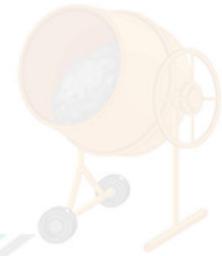
DIMMENSION: Length - 2000mm Depth - 800mm Width - 120mm Base - 600mm

BARRIER - DOUBLE SIDED

LENGTH 2000 MM



SOLID ROCK
CONCRETE WORK



Handling:

Interlock and flat end barrier comes with two hooks at the top for lifting with a base of 600mm for easy insert without being damage.

Materials:

All materials are sourced locally in accordance with the UAE performance specifications and standard:

- ⌚ Concrete strength at transfer 20N/mm²
- ⌚ Water-cement ratio of 0.45 Maximum
- ⌚ Typical reinforcement of 6mm diameter welded mesh

Design:

All units are designed in accordance with RTA specification, with design typical to class 3 with a crack width of 0.1mm unless where otherwise stated. The client is responsible for providing loading data with imposed or surcharge loading included.

Finishes:

Faces of barrier are painted in red and white reflective road marking paints of 500mm vertical strips. Expect surface marks from stacked timber, mould release agent and strand run which would fade out with use and time. Where blemish free surface is required, application of masonry paint is recommended. The producer has the option of concrete finishing to produce finishes comparable the steel form finish and uniformity for all sections in the contract lot.

Trowel Finishes:

Finishing will be in uniformity and full grout cover provided to the aggregates. Visibility of some trowel marks, texture variation and colors can be expected. Cement blooming, color variation, and trowel pattern will fade over time.

Site Access:

Assume full site access to be free of any obstruction and trenches to all areas in site unless agreed otherwise.

Access for installation is required to both sides of barrier. To minimize on-site handling, delivery vehicles are to unload inside the construction site. To enable safe lifting operations for a 15 Tone telehandler forklift or crane, a suitable hard standing surface must be provided.



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