

## PRODUCT SPECIFICATIONS

Standard Dytap units are manufactured according to the following:

**Cement:** OPC BS EN197 - 1 : 2000

**Aggregates:** BS EN 12620 : 2002

**Concrete Mix Design:** BS8500 - 1 : 2002 Grade C35: Table 9

**Durability:** Very severe exposure to Table 5: BS8500 - 1 : 2002

**Sulphate Resistance:** Class 2, Table 7: BS8500 - 1 : 2002

**Minimum Cement Content:** 370 kg/m<sup>3</sup>

**Maximum Aggregate Size:** 10mm

**Density:** 2,300 kg/m<sup>3</sup>

**Surface Finish:** "Type A" in accordance with BS EN 1992 - 1 - 1 - 2004.

This is not applicable to natural stone-faced Dytap.

## DELIVERY

Factory assembled panels are supplied in various lengths to suit individual applications. For hand laid situations, Dytap blocks are supplied palletised, facilitating off loading and site distribution. Loose blocks may also be supplied for on-site panel assembly. Delivery is normally in 25 tonne loads on articulated lorries, and any local restrictions with regard to lorry size should be made known at the time of placing the order.

## DIMENSIONAL TOLERANCES

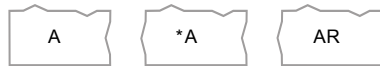
Dimensional tolerances for standard Dycel units are based on the guidance given by BS EN 1992 - 1 - 1 - 2004, but because of the complex shape we have developed our own system of measurement for the three major axes. Any special requirements concerning dimensions should be made known by the Engineer at the precontract stage and accompanied by drawings.

## STANDARD DIMENSIONS & WEIGHTS

Type Ref.	Facing	Nominal Length (mm)	Width (mm)	Thickness (mm)	Average Unit (kg)	Weight (kg/m <sup>2</sup> )	No. of Blocks (per/m <sup>2</sup> )
A	Plain	450	222	75	18	180	10
A	Masonry	450	222	100	295	295	10
A	Plain	450	222	100	24	240	10
1	Masonry	450	222	150	41.3	413	10
1	Plain	450	222	150	353	353	10
1	Masonry	450	222	175	47	470	10
1	Plain	450	222	175	41	410	10
D.E	Plain	450	222	75	9	180	20
D.E	Masonry	450	222	100	14.5	290	20
D.E	Plain	450	222	100	12	240	20
2	Masonry	450	222	150	205	410	20
2	Plain	450	222	150	17.5	353	20
2	Masonry	450	222	175	235	470	20
2	Plain	450	222	175	205	410	20

## BLOCK SIZES & TYPES

### NON- REINFORCED



Note: where blocks are holed for articulation suffix/H2 will apply (block width only).

Plain concrete blocks for handlaying available in types marked \* only.

### REINFORCED



Note: these blocks to have suffix/H2 added to indicate holes are required to receive steel reinforcement bars.



Concrete products may suffer the temporary phenomenon of efflorescence. This is in no way detrimental to the performance of the material and responsibility cannot be accepted for its occurrence.