

# MIXING CEMENT

## LOW STRENGTH CONCRETE: 15 MPa

(Used for un-reinforced foundations for houses and walls)

2 CEMENT BAGS

SAND

STONE



2 bags of cement + 4 wheelbarrows of coarse sand + 4 wheelbarrows of stone = 0,39<sup>m³</sup> of low-strength concrete

## MEDIUM STRENGTH CONCRETE: 25 MPa

(Suitable for reinforced foundations and slabs, light-duty house floors, paths, patios, steps, driveways and garage floors)

2 CEMENT BAGS

SAND

STONE



2 bags of cement + 3 wheelbarrows of coarse sand + 3 wheelbarrows of stone = 0,3<sup>m³</sup> of medium-strength concrete

## HIGH STRENGTH CONCRETE: 25 MPa

(Used for suspended structural beams and slabs, pre-cast items such as flagstones and heavy duty floors such as workshop floors)

2 CEMENT BAGS

SAND

STONE



2 bags of cement + 2<sup>1/2</sup> wheelbarrows of coarse sand + 2<sup>1/2</sup> wheelbarrows of stone = 0,26<sup>m³</sup> of high-strength concrete

## BRICK LAYING:

(Exterior areas or areas exposed to dampness)

2 CEMENT BAGS

SAND



2 bags of cement + 4<sup>1/2</sup> wheelbarrows of building sand = 0,24<sup>m³</sup>

## BRICK LAYING:

(Interior or dry areas)

2 CEMENT BAGS

SAND



2 bags of cement + 6 wheelbarrows of building sand = 0,3<sup>m³</sup>

## PLASTERING:

(Exterior areas or areas exposed to dampness)

2 CEMENT BAGS

SAND



2 bags of cement + 4<sup>1/2</sup> wheelbarrows of plaster sand = 0,25<sup>m³</sup>

## PLASTERING:

(Interior or dry areas)

2 CEMENT BAGS

SAND



2 bags of cement + 6 wheelbarrows of plaster sand = 0,3<sup>m³</sup>