

# TECHNICAL DATA SHEET

## MC 22.5X

### Definition

The Kolos Finish MC 22.5X cement is a masonry cement which consists of:

- 40-65% of clinker
- 35-60% main constituents
- 0-5% additional minor constituents

The cement conforms to the British Standard BS EN 413-1.

### Mechanical Characteristics

Compressive Strength (MPa) (EN 196-1)	Typical Value	Requirement
2 days		
7 days	24	$\geq 10$
28 days	36	$\geq 22.5 \leq 42.5$
Initial Setting Time (min) (EN 413-2)		
	180	$> 60$
Soundness (Expansion) (mm) (EN 196-3)		
	1	$< 10$

### Chemical Characteristics

Sulfate Content (SO <sub>3</sub> ) (%) (EN 196-2)		
	1.5	$\leq 3.5$
Chloride Content (%) (EN 196-2)		
	0.012	$\leq 0.1$

### General Recommendations

- Respect dosages and refer to the instructions on the packaging.
- Avoid prolonged contact with the skin and wear appropriate protective gloves and safety glasses.
- Keep out of reach of children.

## Applications

### FOR BUILDING WORKS



General masonry



Installation of blocks



Plastering

The above mentioned values correspond to average auto-control values and can only be considered as indicative. Unless one has a written agreement, only limit guaranteed by the enforced standards can be considered as contractual. This TDS remains the intellectual property of Kolos Cement Ltd and cannot be used without prior authorisation from Kolos Cement Ltd.



### Cement Uses

It is recommended to use the cement within 30 days after production date that appears on the edge of the bag. It is also recommended to have a proper stock management in order to avoid dead stock.

### Storage

- The cement bags must be stored on pallets. They must not be in contact with the ground in order to avoid upwelling of water by capillarity.
- The bags must be stored in a dry environment and protected from humidity and rain.
- By keeping your bags of cement from rain and moisture, you will retain their quality.