



WALLCEM

MASONRY CEMENT



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Disclaimer clause

The information given is of general nature and does not address the specific circumstances of any particular situation. The guidance is given with the best intention, however, nothing in this brochure shall create or be deemed to create any obligations, whether expressed or implied on YTL Cement Marketing Sdn Bhd. Users are advised to carry out their own tests in order to ascertain the performance and suitability of the product for their particular project.

WALLCEM

MASONRY CEMENT (MS EN 413-1:2012)



WALLCEM is a masonry cement specially formulated by intergrinding portland cement clinker with plasticizing materials and air entrainment agent to achieve a high fineness and good workability for plastering application. It is suitable for internal and external plastering works.

CERTIFICATION

WALLCEM is certified to MS EN 413-1:2012, standard specification for masonry cement.



APPLICATIONS

WALLCEM is specially suitable for internal & external plastering work.

SUITABLE APPLICATIONS FOR VARIOUS TYPES OF BAG CEMENT						
Applications	Brickmaking	Bricklaying	Concreting	Plastering	Screeding	Tiling
CASTLE	*	**	**	**	**	**
DRAGON	-	**	**	**	**	**
ORANG KUAT	**	*	**	*	**	*
WALLCEM	o	o	o	**	o	o

* Good Performance ** Best Performance o Not Suitable



PROPERTIES

Tests	Units	Specification MS EN 413-1:2012	Test Results
Chemical Composition			
Sulfate Content (SO ₃)	%	Not more than 3.0	2.1
Chloride (Cl ⁻)	%	Not more than 0.10	0.01
Physical Properties			
Residue 90µm	µm	Not more than 15	0.6
Setting Time : Initial	mins	Not less than 60	160
Soundness	mm	Not more than 10	0.6
Compressive Strength (Mortar Prism) : 7 days	MPa	Not less than 10.0	24.6
: 28 days	MPa	22.5 ≤ x ≤ 42.5	35.6
Water Retention	%	Not less than 75	84.8

SPECIAL PROPERTIES

WALLCEM improves the water retention, cohesiveness and workability of the mortar. Therefore, ensuring good bonding, good workability and easy handling during application.



ENVIRONMENTAL BENEFITS

WALLCEM is produced by using the most advanced energy efficient cement production process. In addition, by replacing a portion of clinker with limestone, WALLCEM has significantly lower embodied CO₂.



AVAILABILITY

WALLCEM is packed in 50kg paper bag and is available from leading building materials distribution companies and hardware dealers.

QUALITY ASSURANCE

WALLCEM is produced under stringent quality assurance, environmental management, health & safety and energy management systems. It is certified to MS ISO 9001, MS ISO 14001, OHSAS 18001 & MS ISO 50001.

RECOMMENDED MIX PROPORTIONS

Plastering • Batching by wheelbarrow

WALLCEM	Fine Sand	Approximate Yield
2 Bags (1=50kg)	4½ Wheelbarrows	0.24m ³

HEALTH AND SAFETY

Skin contact with wet cement, fresh concrete or mortar may cause irritation dermatitis or burns. It is recommended to use Personal Protective Equipments which include eye, hand, skin protection and dust masks. First aid treatment should involve the immediate bathing of the affected area with water.

