



MORE THAN CONCRETE



BRILLIANT WHITE CEMENT

SUITABLE IN ANY APPLICATION THAT REQUIRES PREMIUM WHITENESS AND STRENGTH

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AVAILABLE SIZE: 20kg



SCAN FOR DETAILS

DESCRIPTION

CEMIX® BRILLIANT WHITE is a Portland Cement which is characterized by its superior whiteness, uniform composition and performance. It is suitable in any application that requires premium whiteness and strength.

PRODUCT:

CEMIX® BRILLIANT WHITE cement is a rapid hardening portland cement with high (2 days) and (28 day) strengths, produced of extremely pure limestone and finely-ground sand.

CEMIX® BRILLIANT WHITE cement is white Portland cement characterized by its high whiteness exceeding 90 based on Hunter L scale and possesses high standard.

APPLICATION:

CONCRETE MIXER:

Measure cement, aggregate and water. Place 2/3 of the water in mixer. Add 1/2 of the measured aggregate. Place all the cement in the mixer. Add the remaining aggregate. Gradually add water to the desired consistency and mix for at least 3 minutes.

HAND MIXER:

Measure cement, aggregate and water. Thoroughly mix dry ingredients. Make a hollow then add 2/3 of the water. Mix thoroughly to a uniform colour and consistency. Gradually add water and mix until the desired level of consistency is achieved.

TYPICAL APPLICATION/USES:

Cemix® Brilliant White cement gives you the opportunity to choose among all the colours of the spectrum when producing your concrete or dry mix.

- White concrete is obtained by mixing CEMIX® BRILLIANT WHITE cement with pure, light sand and white aggregates like white granite, white marble or crushed calcined flint

- Light grey concrete is obtained by mixing with ordinary aggregates or with grey portland cement
- Coloured concrete is obtained by mixing with pigments
- CEMIX® BRILLIANT WHITE cement is often used in white or coloured dry mix for facings
- CEMIX® BRILLIANT WHITE is also perfect in concrete for panels, balconies, cornices, ornaments, paving stones and flags, sculptures, in terrazzo for swimming pools and in light pointing mortar

ADVANTAGES:

The light-reflecting properties of CEMIX® BRILLIANT WHITE provide traffic with additional safety when you produce kerbs, road markings, medium barriers, tunnel linings and tunnel ramps.

MIX DESIGNS – FROM CEMENT TO CONCRETE

WATER:

Use clean water

AGGREGATES:

The aggregates have a major effect on the appearance of the finished concrete surface. The aggregates should therefore be selected, stored and used in an appropriate way so as to meet the aesthetic demands to the finished concrete surface. The mix of the aggregates should be kept as constant as possible in order to avoid differences in shade of the finished concrete surface.

ADMIXES:

All admixes should be colourless to avoid discoloration of the white or light concrete. Air entraining agents are known to reduce the tendency of efflorescence. Such admixes that act upon the setting and hardening should also be used in accordance with usual guidelines. To ensure the requested white colour it is recommended always to make trial mixes.



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BRILLIANT WHITE CEMENT

STORAGE

CEMIX® BRILLIANT WHITE cement can be stored for at least twelve months, if kept indoor under suitable and dry conditions. Care should be taken to avoid moist. CEMIX® BRILLIANT WHITE cement in bags should be kept inside on pallets with unbroken plastic wrapping until it is to be used. Care should be taken to avoid moisture getting into contact with the cement bags from beneath the pallet. The pallets should be stored in a dry environment at as low a temperature as possible to reduce the rate of moisture uptake.

Bulk cement should be stored in air-tight silos, using dried air to transport the cement. If the cement contains lumps it should not be used unless tested, as the strength cannot be guaranteed.

Do not store cement bags directly on the ground or on a floor or even with direct contact to an outer wall. We recommend that cement bags are stacked on a counter floor 10-20 cm above the regular floor or on pallets. The cavity below the counter floor should be ventilated to keep the bags dry.

Read label before Use. Keep out of reach of children. If medical advice is needed, have product container or label at hand.

WARNING

PORTLAND CEMENT - THIS PRODUCT MAY CONTAIN CRYSTALLINE SILICA



- **RISK:** Cements may cause respiratory, skin and eye irritation. Wet cement can be irritating and corrosive to the eyes and skin and may cause skin sensitization (dermatitis). Repeated inhalation of the dust containing crystalline silica may cause bronchitis, silicosis (scarring of the lung) and lung cancer, and the risk of skin cancer.
- **SAFETY:** Avoid contact with eyes & skin, from wet & dry cement. Do not breathe dust. Wear suitable protective clothing, gloves (EN 388), and eye protection (AS/NZS 1337). When exposed to dust, also wear a suitable respirator (AS/NZS 1715, 1716). When cutting or abrading concrete, keep it wetted with water to avoid creating hazardous dust. Wash thoroughly after handling. Wash work clothes regularly and separately from other clothing. Store any leftover material properly.
- **FIRST AID:** Irrigate eyes with plenty of water for 15 minutes and seek medical attention. If inhaled, vacate dusty area immediately. Seek medical attention if symptoms persist. Wash skin with water.

- **SPILLS/LEAKS:** Keep out of sewers and storm water
- **DISPOSAL:** Follow above safety instructions and collect in containers for disposal as trade waste in accordance with local authority guidelines. Dispose of packaging appropriately
- **MANUAL HANDLING:** The weight of this bag and contents may be as much as 10% above the stated weight of 20kg. It is recommended that all manual handling of this bag be undertaken by load shifting equipment. Manual handling of this product without due care and attention could result in personal injury. No manual handling should be undertaken as a team lift. Prior to manual handling it is recommended that a manual handling risk assessment be undertaken

DANGER

**KEEP OUT OF REACH OF CHILDREN
HARMFUL IF SWALLOWED HARMFUL IF INHALED
MAY CAUSE AN ALLERGIC SKIN REACTION
MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR
BREATHING DIFFICULTIES**

DISCLAIMER

Please Note: Recommendations and advice regarding the use of this product are to be taken as a guide only. Other than as appears on this product's packaging, CEMIX® PRODUCTS LTD does not give any warranty express or implied as to suitability for any particular use. For all advice concerning the use of, or suitability of this product for a particular application please contact CEMIX® PRODUCTS LTD. If this product is defective please contact the merchant the material was purchased from or CEMIX® PRODUCTS LTD who will refund or replace it at no cost in accordance with the requirements of the Consumer Guarantees Act.

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