

KUT PLAST UW

Admixture For Underwater Concrete

ADM-16-1110



DESCRIPTION

KUT PLAST UW is a blend of rheology control agents specially designed for use as underwater concreting admixture. Material is used in powder form.

ADVANTAGES

- **Anti Washout:** Concrete produced with **KUT PLAST UW** is cohesive and demonstrates exceptional anti-washout properties underwater.
- **Minimal Clouding:** Does not cloud the diver's vision in water
- **No Segregation:** Concrete remains homogeneous and does not segregate or bleed when placed.
- **Excellent Bond:** Because of thixotropic nature of concrete with **KUT PLAST UW**, it adheres readily to brick, concrete or steel surfaces without surface primers or bond coats under water.

USES

Ports, harbors, quays and jetties, sea and driver defences. Repairs to precast units underwater water. retaining structures, dams. reservoirs spillways, columns, piles, concrete platforms.

TECHNICAL DATA

- **Form:** Powder.
- **Suitability:** All portland cements including SRC.
- **Storage:** Protect from moisture. Store under shade.
- **Chloride content:** Nil to BS 5075

INSTRUCTIONS FOR USE

In order to obtain the best results, **KUT PLAST UW** must be used in specifically designed mixes for particular situations. **KUT PLAST UW** should be added along with cement and before addition of water for best results.

Dosage: 0.5 kg to 2.5 kg per 100 kg of cement.

Eg.: For a typical cement content of 350kg dosage of KUT PLAST UW can be between 1.175 to 8.75kg per cubic metre.

Overdosing: An overdose of 1.5 times the required amount will result in excessive retardation and final compressive strength of concrete will be affected.

Technical support: ASPEC provided technical support service on mix design, admixture selection, evaluation of trials please contact technical Dept in these cases.

PACKAGING

KUT PLAST UW is supplied in 25kg bags.

STORAGE

Shelf life is 12 months when stored in original packing in dry conditions at moderate temperatures. Open bag must be immediately closed back to airtight conditions.

FIRE: **KUT PLAST UW** is non-flammable but will burn with sooty flame in fire.

PRECAUTIONS

HEALTH AND SAFETY

KUT PLAST UW is non toxic but is mildly alkaline. Gloves should worn during application. Splashes to the skin or eyes should be removed with clean water. In the event of prolonged irritation, seek medical advice.



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