

DUROLIT



Plasticizer that replaces lime



■ PROPERTIES

Ready to use, clear liquid plasticizer. An admixture that replaces lime and works as curing retardant. It imparts excellent workability.

As an additive to lime and cement mortars, it offers all the advantages and eliminates all the disadvantages of the use of lime for both lime-based as well as cement-based mortars.

- Increases the adhesion of fresh mortar to the substrate, the adhesive strength of building mortar, as well as of brown/base and top coat plasters/renders.
- Prevents bursting and sagging of plaster.
- It keeps the construction site clean and tidy, and does not corrode pipes and rebars. Unlike lime, it does not cause skin burns.
- Minimizes transportation and storage costs.
- Compatible with all mixing and injecting machines, as well as all plastering equipment.
- Cost is 10 times less than lime.

■ APPLICATIONS

DUROLIT is an essential tool for today's builder since it requires only a small quantity to effectively replace lime to all its applications. Being transparent makes it suitable for top coat plasters.

Use it together with DUROSTICK improving additives (DUROSTOP, D-20 or DUROMAX), at a mixing ratio of 1:3 up to 1:8 with water.

Their addition creates high strength mortars (building mortars for stone, marble and brick, top coat mortars etc.).

■ USE

Add DUROLIT into the mixing water during the preparation of the cement mortar. Application ratios of DUROLIT are indicatively mentioned below, for three different mortars:

Base coat: 0.3% of the cement weight (75ml at 25kg of cement)

Top coat: 0.36% of the cement weight (90ml at 25kg of cement)

Building or coating mortar: 0.2% of the cement weight (50ml at 25kg of cement).

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	BASE COAT PLASTER	TOP COAT PLASTER	BUILDING OR COATING MORTAR
SAND	1m ³	1m ³	1m ³
CEMENT	250kg	250kg	300kg
DUROLIT	750ml	900ml	600ml
QUANTITY PER CEMENT WEIGHT	0,3%	0,36%	0,2%

TECHNICAL SPECIFICATIONS

■ Color	Transparent
■ Viscosity	10-20 cP
■ Bulk density	1,00±0,04kg/lt
■ Application temperature	From +5°C to +40°C It does not contain any chlorides or other corrosive ingredients

■ CONSUMPTION

0.2% by cement weight for wall/masonry mortars (100ml DUROLIT per 50kg cement) and 0.3% by cement weight for plaster mortars (150ml DUROLIT per 50kg cement).

■ STORAGE

Store in places protected from frost, for 24 months from production date.

■ NOTES

- Exceeding the recommended quantity at rates above 0.4% by weight of cement reduces the strength of mortars.
- To calculate correctly the necessary quantity, use the special measuring container from the 1lt packaging.
- A minimal amount will assist cementitious spackling pastes to move easier through injection machine pumps and hoses.
- In case the product freezes, use it after bringing it to its original state (defrost).

■ SAFETY DIRECTIONS

The product is classified as irritant. It is recommended to keep away from the reach of children. Before use, refer to the cautions on the product packaging or the Safety Data Sheet.

■ PACKAGING

Carton box with 15 pcs of 1lt each one
5lt & 20lt containers
180lt barrel (special order)

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