



EUCON DC - IN

PLASTICIZING ADMIXTURE FOR MANUFACTURED CONCRETE PRODUCTS

EUCLID CHEMICAL

MASONRY/MCP ADMIXTURES

EUCON DC-IN

Rev.01, 04/20

DESCRIPTION

EUCON DC - IN is a ready to use polycarboxylate - based admixture used to more efficiently produce machine-made concrete products. EUCON DC – IN increases production rate, improves cement efficiency, and accelerates early strength development. Units produced with EUCON DC – IN are more dimensionally stable, have improved edge and corner definition, and are more resistant to damage in transport. EUCON DC – IN contains no added chlorides and will not promote corrosion of steel.

PRIMARY APPLICATIONS

- Concrete pipe
- Concrete roofing tiles
- Concrete pavers
- Segmental retaining wall systems
- Concrete block
- Drycast products

FEATURES/BENEFITS

- Produces no swipe
- Improves feed and cycle times
- More defined edges
- Improved compressive strengths
- Extended mold life
- Reduced per unit costs
- Reduces cement content

TECHNICAL INFORMATION

PROPERTY	VALUE
Appearance	Colorless to Light brown liquid
Base Material	Polycarboxylate
Specific Gravity	1.04± 0.02
pH	Minimum 6.00
Chloride Content	< 0.2%

Compatible with all cement types like OPC, OPC + Fly Ash, PSC etc.,

PACKAGING

EUCON DC – IN is available in 220 Kgs HDPE drums.

SHELF LIFE

1 year in original, unopened container.

DIRECTIONS FOR USE

- EUCON DC – IN should be introduced into initial mix water but never directly on dry cement. Mix thoroughly as needed for a given mixer type. EUCON DC – IN will reduce water demand at wetter consistencies such as those used to produce pipe and hollow-core plank. Therefore, water content should be carefully monitored to achieve desired plasticity. For concrete masonry products, normal water contents should be maintained to maximize the performance of EUCON DC - IN.
- The dosage range for EUCON DC – IN is 200 to 600 ml /50 kg cement bag.

PRECAUTIONS/LIMITATIONS

- Test mixes should be conducted to determine appropriate dosage. Please notify your local Euclid Chemical field representative to assist with trial production
- Protect from freezing. If frozen, EUCON DC – IN can be reconstituted by mechanical agitation.
- Do not agitate with air.
- In all cases, refer the Safety Data Sheet before use.