

MuCis AD 28 TECNOS®

Superplasticiser with migrating corrosion inhibitor

MuCis AD 28 TECNOS® is a liquid additive composed of reactive mixture of corrosion inhibitors and synthetic polymers. MuCis AD 28 TECNOS® is multi-functional and can be used as additive to concrete mixes to achieve better protection against reinforcement corrosion as it migrates through the micro porosity of the concrete to reach the reinforcement of existing structures to ionise and consequently provide anodic and cathodic protection

Uses

MuCis AD 28 TECNOS® is advised and designed for all structures in reinforced concrete, normal or prestressed, particularly at risk of corrosion. It specifically provides protection from chloride induced corrosion. Typical uses are in:

- Concrete roads
- Bridges
- Tunnels
- Retaining Walls
- Industrial Plants
- Multi-storey car park

In case the extension of workability time of the concrete is desired, the mix can be modified using PLASTARD 18PJ (0,05 to 0,15 % on the cement weight) . This special mix design must be tested first on the job site to evaluate if it matches the requirements.

Benefits

- Provides Anodic and cathodic protection.
- Reduction of the chloride permeability (FHWA/RD/81) : 350-600 Coulomb
- Reduction of carbonation : > 80 %
- Reduction of the corrosion potential

Standard Compliance:

MuCis AD 28 TECNOS® meets the essential requirements according to EN 934-2 Normative, Classification T 3.1/T 3.2 according to CE marking for Concrete Admixtures.

Properties:

Appearance	: Dark brown liquid
Specific Gravity	: 1.14 - 1.20
pH	: 9 - 12
Chloride ion content	: NIL

Instructions for use:

MuCis AD 28 TECNOS® is a liquid, which is supplied ready for use, and can be added together with the water when the mixing of concrete is started.

Dosage

1.5-3.0 Kg MuCis AD 28 TECNOS® for 100 kg cement, depending on the particular conditions of use and of the expected performances.

Mixing

MuCis AD 28 TECNOS® is mixed with gauging water or added at the same time into the concrete mixer. It may also be added to the concrete in the transit mixer at the point of discharge. In this case, an additional mixing time of at least 1 minute per m3 concrete must be observed. Before discharging, check the concrete visually for uniform consistency. The quantity of MuCis AD 28 TECNOS® in the mix design should be taken into consideration when determining the quantity of water for a specific W/C ratio. MuCis AD 28 TECNOS® is not to be mixed with dry cement.

Health & Safety Instructions

Read carefully the safety indications on the packaging, or consult the relevant safety data sheet of this product.

Storage

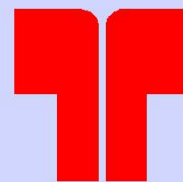
Shelf life: 1 year if stored in dry and protected conditions, in the Original unopened packaging, at temperatures between +5° C and + 35° C. Store under cover, out of direct sunlight and protect from extremes of temperature. Failure to comply with the recommended storage conditions may result in premature deterioration of the product or packaging. For specific storage advice consult your local Thermax representative.

Precautions

Use only in well ventilated areas and protect from freezing.

Packing

5ltr, 20ltr and 250kg barrel.



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Other segments :

- Concrete Admixtures • Surface Treatments • Grouts & Anchors • Repair & Rehabilitation
- Protective Coatings • Industrial Flooring • Waterproofing • Sealants • Adhesives
- Cement Grinding Aids

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