**Primary Uses:**
REMIGCRETE-SP10 (BV)/(FM) is particularly suited for concrete mixes such as:
- High performance concrete
- Self-Compacting Concrete (SCC)
- Easy-Compacting Concrete (ECC)
- ready mix concrete
- pumpable concrete
- pre-cast concrete
- an alternative to conventional superplasticisers when used at low dosages
- ideal for fair-faced concrete production.

**Advantages:**
- Excellent workability at very low w/c ratios.
- Superior cement dispersion compared to conventional admixtures.
- Significant reduction in shrinkage and creep.
- Increased early and final strengths (compressive and flexural).
- Significant permeability reduction.

**Typical Properties:**
- **Base:** Polycarboxylate ether
- **Colour:** Light yellow
- **Form:** Liquid
- **Density:** 1.07 g/cm³
- **pH value:** 5 - 7
- **Solids content:** 29 - 31% by weight
- **Chloride content:** ≤ 0.1% by weight
- **Alkali content:** Na₂O equiv.: ≤ 8.5 by weight
- **Packaging:** IBCs 1,060 kg, drums 220 kg, kegs 25 kg

**Dosage Range:**
0.2 – 1.6 % by weight of cement.
The final dosage quantity depends, among others, on the reactivity of the cement and the concrete recipe. This must be determined by suitability trials.

In case of overdosing, consult our local agent or our technical office. Suitability tests according to valid standards and regulations should be carried out prior to usage. The functionality of the superplasticizer is dependent on weather conditions.

At the recommended maximum dosage of REMICRETE SP10 (BV)/(FM) there may be retardation of the initial and final set with certain cements. It is essential to carry out tests.

**Instructions for Use:**
REMICRETE-SP10 (BV)/(FM) should mainly be added to the ready mix as the last component. Sufficient final mixing times shall be allowed. When dosed in truck mixers on the job site, a good dispersion must be cleared. Guidance value for batching time: 1 minute per m³ of concrete (at least 5 minutes).

Suitability tests accord. to valid standards and norms should be carried out prior to usage.
Superplasticizers of the latest generation should always be applied by briefed and experienced staff.

**Cleaning & Equipment Maintenance:**
Regular water flushing of dispensing equipment will prolong service life and reduce breakdowns.
Use REINIT-BM on internal metal surfaces subject to contact with concrete in concrete mixers, batch plants and truck mixers regularly to prevent concrete crust formations. Use REINIT-R to remove hardened concrete crusts.

**Storage & Shelf-life:**
REMICRETE SP10 (BV)/(FM) has a shelf-life of 12 months when stored at +20° C in original, unopened containers, free from frost. Always re-cap to avoid dirt contamination.

**Compliance:**
- Complies with EN 934–2: T2: 3.1 & 3.2.
- Concrete plasticiser (BV) to DIN EN 934-2: part 2
- Only contains substances compliant with EN 934-1:2008 annex A1
- Externally audited to BENOR (certificate number: CRIC-OCCN-AH-027)

**Health & Safety:**
Please adhere to the European Safety Data Sheet (MSDS)!!

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This technical data sheet is a translation from German and does not consider local building codes or legal requirements. It shall be used as general reference for the product. Legally binding is only the latest German technical data sheet or the latest data sheet from one of our foreign subsidiaries inside their sales territory.