

## CEM-PROTECTOR® AKT-10

### Reducer of water – soluble Chromium VI in building materials

Product data	
Chemical designation	Antimonate Base
pH in solution of 10% at 20°C	6,3 ± 0,5
Delivery form	Powder
Colour	beige
Bulk density	1,11 ± 0,1 kg/dm <sup>3</sup>

#### **Dosage**

To extent the shelf life of cement being reduced with iron sulphate to 12 months:

100–160 g for 1ppm water-soluble chromium VI per 1 t cement.

Dosage for unreduced cement:

180-260 g for 1ppm water-soluble chromium VI per 1 t cement.

*Due to the formulation, the dosages may vary in individual cases, therefore suitability tests are essential.*

#### **Important information**

- CEM-PROTECTOR® AKT-10 is neutral in formulations of dry mortar- and powder products.
- CEM-PROTECTOR® AKT-10 is temperature-resistant up to >+300°C.
- Chromium VI-content can be reduced down to < 1 ppm.
- No brown or red discolorations at the surface of the building materials.
- CEM-PROTECTOR® AKT-10 does not contain any dangerous components.
- CEM-PROTECTOR® AKT-10 is a powder which can be mixed in like any other homogeneous additive.
- CEM-PROTECTOR® AKT-10 does not contain any agents which facilitate a corrosion.
- CEM-PROTECTOR® AKT-10 does not contain the H351 phrase.
- CEM-PROTECTOR® AKT-10 is free from pictograms

#### **Applications**

##### Building industry

- for reduction of water-soluble chromium VI in cement, blast furnace slag, metal powder, fly ash, filter ash and dry mortars

#### **Storage**

If kept dry and tightly closed CEM-PROTECTOR® AKT-10 has a shelf life of at least 12 months.

#### **Storage stability in cement and dry mortars**

At least 12 months at an adjustment Cr VI < 0.5 ppm – see letter of guarantee

#### **Packaging**

Standard packaging:

- PE-packaging in 20 kg bags (100% recyclable packaging)  
50 x 20 kg on pallets = 1.000 kg
- 500 kg / 750kg / 1.000 kg BIG BAG on pallet
- 23-25 to lots (bulk)

Customised packaging on request.

#### **Information concerning**

- classification and labeling according to the regulation governing transport and hazardous chemicals
- protective measures for storage and handling
- safety measures in case of accident and fire
- toxicity and ecological effects are given in our safety data sheets.

**Customer Tariff No. 38244000**

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