

PLAST A.E.A.

Air-Entraining Admixture For Concrete

**General Properties:**

- **PLAST A.E.A** entrains homogeneously distributed small air voids in concrete. That void interrupt the capillary system, and also improves the stress of freezing and thawing
When freezing, the water can expand into the voids without any blasting effect. Furthermore, the small rounded voids increase the placeability of fresh concrete and therefore improve its workability.
- Is added together with the mixing water into the concrete patch. It should not be added into the soft concrete mix.
- Can be used as an alternative to lime in cement mortars for plastering.

Compatibility with Other Admixtures:

- **PLAST A.E.A** helps in the function of **PLAST TB 101**.
- Polymer bonding agent **C-LATEX** can be used with **PLAST A.E.A.** to enhance the adhesion to substrate.

Dose:

Dose ranges from 0.1 % - 0.2 % of total weight i.e. **Add (1 lit.: 2 lit.) PLAST A.E.A to 100 lit of water**

The dose of **PLAST A.E.A** depends on the desired air void content, type of cement, content of fine sand less than 1mm, temperature and mixing conditions.

For this reason site trials have to be carried out in any case.

Technical Data:

Appearance	: Clear liquid.
Miscibility with Water	: Miscible with water in any ratio.
Density	: 1.004 gm / cm ³ .
Dose	: 0.1 – 0.2 % of total weight.
Ph value	: 10 - 12 approximately.
Environment	: Friendly .
Shelf Life	: 12 months in closed container and away from sunlight, heat and humidity.

- Environment:**
- Boots, rubber gloves, dust masks, and safety goggles.
 - Refer to MATERIAL SAFETY DATA SHEETS (MSDS)

END OF TECHNICAL DATA

For more information please contact our technical department

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