

UNIVER PC - P98

High performance new generation superplasticizer (Powder)

High-performance powder superplasticizer for cement and mortar.

UNIVER PC - P98 is a powdered superplasticizer based on modified polycarboxylate technology. It is suitable for all types of mortars such as grout, repair and self-leveling where flow-ability and homogeneity are crucial. It shows good workability in treatment or storage of product due to no-hygroscopic property which is a serious problem of typical powdered polycarboxylate superplasticizers. It helps make superior finishing of mortar product by less foams or airs on the surface.

Physical properties

Physical Properties of UNIVER PC-P98	
Appearance	Free flowing powder
Color	Faint Light Yellow Powder
pH (1% solution)	5.0
Specific Gravity	0.5

Features

- High flow / high water reduction
- Excellent self-leveling performance
- Good workability by prolonging retention time (less cold joint, wide working area)
- No-hygroscopic property for long-time storage
- Good pump-ability by high fluidity
- Eco friendly product (no formaldehyde)

Applications

- Self-leveling flow mortar (Thin & thick layer)
- Repair mortar for high-compressive strength
- Cementitious self-leveling floor
- Dry-mix concrete
- All type of grouts

Typical dosage

UNIVER PC - P98 has a recommended dosage range of 0.1~0.5% of binders and sand. Different from typical powder, the dosage should be 2~3 times higher to obtain required performance. UNIVER PC - P98 contains defoamer components itself to obtain proper air content for compressive strength. To lessen air content, we recommend to use powder defoamers.

The optimum dosage of UNIVER PC - P98 should be determined by trials using the materials and conditions.

Storage and Handling

UNIVER PC - P98 may not so sensitive to moisture but recommended to be stored under dry conditions. UNIVER PC - P98 is a free flowing light yellowish powder. The color can vary from light yellow to light pink as a normal aspect of the materials and polymerization process.

Packaging

Drum 80Kg

Health and Safety

UNIVER PC - P98 contains no hazardous materials and is completely transport class free. However, it is recommended to use standard handling procedures with the product. Wear gloves and eye protection and wash splashes to the skin with soap and water at the end of shifts or at breaks. For further information consult the Material Safety Data Sheet for this product.

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