

# FEBTONE POWDER

## Powder Mortar Tone

### Description of Product

FEBTONE POWDER is a powder admixture having the prime function of colouring cement mortars and concrete, combined also with an air entraining plasticiser. Available in four colours: Black, Red, Brown and yellow.

FEBTONE POWDER has been tested, and pigments comply to the requirements of BS 1014.

### Typical Uses

FEBTONE POWDER may be used as a colouring agent in most cementitious mortar and concrete mixes such as pointing, bricklaying mortars, renders, cast screeds and pavings.

### Features and Benefits

- Contains air entraining plasticisers to aid workability.
- Increased resistance to freeze/thaw cycles.
- Plasticising action ensures even distribution of pigment throughout mix.
- Reduces bleed.
- Lower dosage required when compared to many similar products.

### Application Procedure

#### Mixing

FEBTONE POWDER having high efficient dispersant properties is easily dispersed throughout the mix when mixed in the normal manner. When gauging by hand, measure out the aggregate and cement and sprinkle FEBTONE POWDER onto dry materials which should then be turned over whilst dry. The water is then added and mixed in the normal manner. Water should be added slowly as the plasticising action of the FEBTONE POWDER will result in a reduced water demand. When mixing by machine: place the aggregates and cement in the mixing drum, add the FEBTONE POWDER and mix dry for at least 30 seconds. Add gauging water and mix as normal.

It should be noted that when wet the coloured mix will appear substantially darker than the final dried mix colour. It is therefore important that the colour is assessed for acceptability in the dry cured state. Variation in sands and aggregates can affect the final colour and therefore care must be taken in the selection of appropriate aggregates to achieve desired colours, i.e. light coloured for pastel shades and darker aggregates for deeper shades. Inconsistency in mix ratios and finishing techniques and curing methods will result in variations in shade. Therefore, the use of batching boxes are desirable where a series of consistent mixes are required.

#### Curing/After Treatment

Cure using conventional method such as properly secured plastic sheeting, hessian, ponding, etc. or use suitable curing compound e.g. FEBCURE SUPERCLEAR 181.

### Coverage

Dosage will vary depending on depth of shade required between 1-2 kilos per 50 kilos cement.

### Storage

Store in cool, dry conditions.

### Shelf Life

Minimum two years when stored in accordance with the manufacturer's instructions.

### Technical Data/Typical Properties

Chloride Ion Content	<0.1% w/w of admixture (nil)
S.G (20°C)	0.9 - 1.5 approx depending on colour
Specification	Conforms to BS1014 (1975) pigments for use with Portland Cement
Typical setting times	No reduction