

## Kraft Micaceous Iron Oxide – Technical Information FG 27

### High Building Coating

Component 1	Weight - %
1. Epikote 1001/75	20.0
2. Plastopal EBS 400 B	2.5
3. Betone 34 – Antiterra 203 – Xylene 10 : 5 : 85	4.0
4. Kraft Micaceous Iron Oxide	38.0
5. Bayferrox Red 120 M	6.0
6. Titanium Dioxide RC 566	6.0
7. Talcum ST Micro	5.0
8. Thixatrol ST	0.8
9. Dowanol PM (methoxy-proponal)	8.0
10. Shell Sol A	9.7
Total	100.0

\* The use of Kraft Micaceous Iron Oxide AS produces a smoother surface and is often used for glossy topcoat finishes.

#### **Manufacturing Instructions:**

Stir 3 through 7 into the resin solution 1 and 2. Then add 9 and disperse for about 20 to 30 minutes at a peripheral speed of about 15 to 20 m/sec in a high speed disperser.

**Caution:** The temperature must not exceed 50°C.

After cooling below 35°C stir in 9 and 10.

Component 2	Weight - %
11. Euredur 424	100.0

#### **Mixing Ratio:**

Component 1: Component 2 = 4:1 (by weight).

#### **Thinner:**

Shell Sol A with Dowanol PM in ration of 6:4 (by weight).

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### Typical Properties:

Colour		Beige-red
Solid Matter	% m/m	68
PVC	% v/v	32
Binder	% m/m	24
Pigment	% m/m	44
VOC	% m/m	32
Viscosity (Krebs)	KU	90 – 100
Pot Life	h	8
Surface Dry	h	2
Hard Dry	h	6

### Application:

- Brush, air spray, airless spray
- Film thickness (dry): 75 – 100  $\mu\text{m}$

### Field Application:

Suitable for corrosion protection under severe conditions and aggressive environmental conditions such as industrial and marine atmospheres.

Recommended primers: 2-pack-epoxy, zinc-ethyl-silicate.

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