

# **TEMALAC AB MIO**

DESCRIPTION

A micaceous iron ore pigmented (MIO), alkyd paint.

PRODUCT FEATURES AND RECOMMENDED USES

- ∠ An intermediate or top coat in alkyd based systems for steel surfaces exposed to exterior weathering.
- ∠ Due to the micaceous iron ore pigment forms a tough, durable film with an excellent intercoat adhesion and overcoating characteristics.
- ∠ Application also by brush.
- ∠ Recommended for bridges, storage tank exteriors, structural steel and other steelwork.

#### **TECHNICAL DATA**

Volume solids  $48 \pm 2 \%$ .

**Density** 1.3 kg/litre.

Product code 610 0306

Film thicknesses and theoretical coverage

Film thickness			Theoretical coverage
	wet	dry	
application range	80 - 120 μm	40 - 60 μm	12.0 - 8.0 m²/l
typical	100 μm	50 μm	9.6 m²/l

Practical coverage depends on the application method, painting conditions, and the shape and roughness of the surface to be coated.

### **Drying time**

DFT 50 µm	+ 10 °C	+ 23 °C	+ 35 °C
Dust dry	6 h	3 h	2 h
Touch dry	10 h	6 h	4 h
Recoatable	24 h	16 h	12 h

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

**Thinner** Thinner 1054 (slow) or Thinner 1006 (fast).

Cleaning of equipment

Thinner 1054 or Thinner 1006.

Finish Semimatt.

Colours Grey.

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#### **APPLICATION DETAILS**

**Surface preparation** Primed surfaces: Remove oil, grease, salt and other contaminations with a suitable

detergent. Rinse thoroughly with fresh water and allow to dry. Touch up damages in

the primer coat (ISO 12944-4).

Primer TEMAPRIME AB, TEMAPRIME EE and TEMAPRIME AB EXTRA.

**Finish** TEMALAC AB MIO and TEMALAC AB 70.

**Application conditions**All surfaces must be dry. The temperature of the ambient air, surface or paint should

not fall below +5°C / 41 °F during application or drying. Relative humidity should not exceed 80 %. The surface temperature of the steel should remain at least 3°C / 5 °F

above the dew point.

**Application** By airless or conventional spray. Mix the paint thoroughly before use. At airless spray

the paint should be thinned 0 - 10 %. Airless spray nozzle tip 0.013" - 0.017"; spray angle shall be chosen according to the shape of the object. At conventional spray the

paint should be thinned 20 - 30 % to a viscosity of 20 - 30 s DIN 4.

**VOC** The Volatile Organic Compounds amount to  $420 \pm 20$  g/ litre of paint.

**HEALTH AND**SAFETY
At all times observe precautionary notices on containers. Further information about hazardous influences and protection against those are described in Safety Data

Sheet.

A health and safety data sheet is available on request from Tikkurila Coatings OY.

As a general rule, avoid inhalation and skin contact and provide sufficient ventilation. Splashes on skin have to be washed off immediately. Splashes in eyes, rinse with

plenty of water and consult a medical centre if the irritation continues.

For professional use only.

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