PAINT SYNTHETIC FAST DRYING

Code: 1-BM-PSH

Color: White, black, and upon request

PROPERTIES

Paint synthetic fast drying is an air-drying, single-component, synthetic coating based on alkyd. It is a long-lasting and relatively fast-drying paint suitable for both interior and exterior structures, including steel and wood. It offers superior adhesion and high resistance to weathering, cracking, abrasion, and mechanical stress.

RECOMMENDED USES

Paint synthetic fast drying can be used for:

- ✓ Coating well-primed ferrous metal surfaces, both indoors and outdoors
- ✓ General-purpose maintenance and new construction projects
- ✓ Heavy equipment and vehicles

PERFORMANCE BENEFITS

- ✓ Long-lasting, fast-drying, and easy to handle
- ✓ Superior adhesion
- ✓ High resistance to weathering, cracking, abrasion, and mechanical stress
- ✓ Excellent yellowing resistance, with good color and gloss retention
- ✓ Ideal for steel substrates not normally exposed to water immersion
- ✓ Hard, durable, and ultra-smooth finish with high opacity and excellent coverage

CHARACTERISTIC PHYSICO-CHEMICAL DATA

Data corresponding to Paint synthetic fast drying:

Tests	Norms	Results
Total solids, by weight	ASTM D2369	64.32%
Total solids, by volume	ISO 3233	58.36%

Nahr El Mot, 55091 - Lebanon
Tel.: +961 1 885385/485
Fax: +961 1 885685
E-mail: customerservice@bmapaints.com
www.bmapaints.com

Specific Gravity (g/cm3)	ASTM D1475	1.1
Viscosity, AT 25°C	ASTM D562	30 poises
Total Volatile Organic Compound (VOC)	ASTM D3960	390.34
Theoretical spreading rate @35µm	-	16.7m²/L
Recommended Dry Film at 20% dilution	-	72 µm@15%

APPLICATIONS GUIDE

Surface Preparation

Before applying Paint synthetic fast drying, all necessary pretreatment must be done. Surface should be clean, dry and free of all contaminants (oils, agents, dust, dirt, etc…) in order to avoid the risk of surface failing.

Metal surfaces:

For new steel, clean the surface from any oil or grease residues using 1 L of EKSEN KIMYA DL50 dissolved in 10 L of water. Sand the substrate to SA 2.5 until smoothing then remove all sanding dust and let it dry before any primer application.

For painted steel, remove loose and peeling paint using mechanical methods such as sanding and sandblasting of the entire surface until smoothing so the new coating can adhere properly. When the old paint is compatible with the new one, only light sanding is required. Then, remove persistent dirt and sanding residues with a detergent solution.

For non-ferrous metal (galvanized steel, aluminum, stainless steel, etc…), use a thin layer of BMA Wash Primer in order to etch the substrate, remove any corrosion residues and promote adhesion to the subsequently applied coatings. In case of unweather surface or when weathering is not possible, apply a sweep or brush blast cleaning using a non-metallic abrasive in order to lightly roughen the surface. Let the surface dry before coating application.

Wooden surfaces:

For previously painted wooden surface, remove paint residues using a scraper in order to avoid the flaking of the new coating in case it is not compatible with the old one. Sand and smooth the surface then clean it well and remove the sanding dust before any primer or sealer application.

Nahr El Mot, 55091 - Lebanon
Tel.: +961 1 885385/485
Fax: +961 1 885685
E-mail: customerservice@bmapaints.com
www.bmapaints.com

For new wood, sand the surface and all the edges lightly until smoothing. Apply an insulator (PU Milesi) for oily wooden substrate. Then, use NC Putty to close off, patch and fill all surface imperfections (cracks, holes, pores, etc…). Clean the substrate and let it dry then make sure that the moisture content does not exceed 10%.

Priming

Metal substrates could be primed before Paint synthetic fast drying application using BMA antirust or BMA F.D.I. or BMA Zinc chromate primer.
Priming must be done directly after preparing, cleaning and drying the surface.

Thinning

If thinning is necessary, add 20-25% (air spraying, brush or roller) of BMA Thinner 050 could be added to obtain the required viscosity of the mixture.

Application

Paint synthetic fast drying should be applied in a ventilated area where the humidity does not exceed 85%, nor in sunny days on hot substrates. The required temperature for optimum performance is between 5°C and 35°C.

Paint synthetic fast drying must be applied on a clean and dry surface using a brush, roller or airless spraying system.

Two coats of Paint synthetic fast drying could be applied on steel surfaces when required.

Over coating of Paint synthetic fast drying could be done using a layer of BMA Varnish.

Drying Time

Surface (touch) dry: 30 minutes

Dry to over coat: 4-5 hours

AVAILABLE PACKAGING

4L Gallon

20L Gallon

Nahr El Mot, 55091 - Lebanon
Tel.: +961 1 885385/485
Fax: +961 1 885685
E-mail: customerservice@bmapaints.com
www.bmapaints.com

SHELF LIFE

Paint synthetic fast drying should be stored indoors in the original, unopened and undamaged container, in a dry place at a temperature not exceeding 35°C. Under these conditions, the shelf life of Paint synthetic fast drying will be 2 years. After this period, the paint quality is subjected to re-inspection. Proper handling is essential to maintain good quality.

HEALTH & SAFETY

Before using this product please consult our Safety Data Sheet (SDS) for complete information on Hazards Identification, First-Aid and Fire-Fighting Measures, Accidental Release Measures, Handling and Storage, Exposure Control and Personal Protection, Stability and Reactivity, Toxicological Information, and Transport Information.

QUALITY ASSURANCE

BMA Commercial & Industrial s.a.l is a holder of the ISO 9001:2015 and ISO 45001:2018 certificates, which guarantees that all operations are conducted in compliance with International Standards.

TDS.243 - Edition #: 2

IMPORTANT: The statements, technical information and recommendations contained herein are believed to be accurate. Since the conditions and methods of use of the product and of the information referred to herein are beyond our control, BMA Commercial & Industrial s.a.l expressly disclaims any and all liability as to any results obtained or arising from any use of the product or reliance on such information.

Nahr El Mot, 55091 - Lebanon
Tel.: +961 1 885385/485
Fax: +961 1 885685
E-mail: customerservice@bmapaints.com
www.bmapaints.com