

MOLERIN VP

Internal paint with high level of coverage

CHARACTERISTICS

MOLERIN VP is high-quality water soluble paint for internal walls, matte key coat. MOLERIN VP is resistant to wet cleaning (Class II pursuant to EN 13300:2001). Its characteristics are: high degree of whiteness, good covering capacity, simple use excellent and vapour permeability.

MOLERIN VP has small contents of volatile organic compounds (VOC contents).

COMPOSITION

Mineral fillers, organic binder, cellulose thickener, titanium-oxide, additives, water.

TECHNICAL CHARACTERISTICS

| Parameter | Value |
|--|--|
| Bulk density (EN ISO 2811-1) | ≈1.42 g/cm ³ |
| pH value (EN ISO 787-9) | ≈7 |
| Contents of non-volatile substances (EN ISO 3251) | ≈60.5 % |
| Adherence (EN ISO 4624) | ≈2.53 N/mm ² |
| Water absorption (EN 1062-3) | W2 (0.1 – 0.5 kg/m ² · h ^{0.5}) |
| Vapour permeability (EN ISO 7783-2) | V2 (15 – 150 g/m ² · d) |
| Coverage capacity (internal laboratory method-3) | ≈121.4 g/m ² |
| Resistance to wet wear (EN ISO 11998) | Class II (5 – 20 µm at 200 cycles) |
| Glow at 85°C (EN ISO 2813) | <5, full matte |
| Particle size (EN 1524) | up to 100 µm |
| Viscosity (Brookfield test) (EN ISO 2555) | ≈12600 mPa·s |

SUBSTRATE PRAPARATION

Appropriate substrates are fine façades of all types (cement, cement-lime, and gypsum-lime) treated by masses for flattening, untreated concretes as well as gypsum-cardboard boards.

There is possibility of its application over old dispersive primers.

In case that wall surface to be painted have been painted in varnishes, oil paints and similar, the same should be removed.

Cement and cement-lime mortars substrates should dry minimum 1 day for each mm of thickness (T=20°C, rel. humidity 65%), and concrete surfaces should dry at least a month.

Substrate should be hard, dry and clean with no dust, grease or oil.

Before applying MOLERIN VP, wall should be cleaned and impregnated by key coat PODLOGA KONCENTRAT (solution: PODLOGA KONCENTRAT: water=1:3).

PODLOGA KONCENTRAT need to dry for 6 hours and application of the first layer of MOLERIN VP could be started afterwards. If walls are dirtier or if covering darker nuances, it is recommended to apply key coat PODLOGA PRAKTIK in colour.



Both key coats also are binding connection between substrate and used material in order to create stronger connection and decrease its consumption.
It is possible that different wall algae appear on walls due to high relative humidity of air and condensation. Entire wall surface should be disinfected in certain places where wall algae appeared. Wall disinfection should be done by ALGOSTOP product.

APPLICATION

Before its application, MOLERIN VP is to be diluted with water (approx. 10-15%) and entire mass is to be homogenized by mixing in order to get appropriate consistency. MOLERIN VP is applied with short-hair roller or brush in two layers. In order to avoid unevenness due to surface connections, material is applied without interruptions on continuous surfaces.

Note: Adding water for dilution decreases paint coverage.

Application of the second layer of material is applied on completely dry first layer.

Drying period between layers is from 4 to 6 hours. MOLERIN VP could be nuanced by adding POLITON (max. 200 g for 25 kg of paint). Painting should be performed in appropriate microclimatic conditions: air and wall temperature during work and drying is to be from +10°C to +30°C, relative humidity under 80%. We need to perform equalization (evenness) in a vessel big enough if we paint bigger surfaces in the same nuance depending on material amount. Paint that has not been diluted with water, and is in original, well-sealed and undamaged package, could be left and used later on. Wash tools with water immediately after use.

CONSUMPTION

1 l ≈ 6-7 m² for two-layer applications

PACKAGE

Plastic bins 3 l; 5 l; 15 l

LIFETIME

18 months in original, well-sealed and undamaged package.

WASTE TREATMENT

Pursuant to the Law on waste management ("Official Gazette of the Republic of Srpska", number 111/13 and 106/15), Rulebook on waste categories, tests and classification ("Official Gazette of the Republic of Srpska", no. 19/15), waste paint is classified as waste with the following classification number 08 01 12 (waste paint and varnish different from those stated in 08 01 11).

Contaminated waste should be delivered to waste management authority.

LABELLING





TECHNICAL DATA SHEET TL.C.04.01

Date of issue: January 4, 2016

Pursuant to Regulation (EC) No. 1272/2008 classification, labeling and packaging of substances and mixtures, product is not classified as hazardous.

Information on emissions of volatile organic compounds:
VOC: A(c), 30 g/l; Product contains max. 30 g/l

Supplemental hazard information:

EUH208- Contains (Mixture 5-Chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (EC: mixture; CAS: 55965-84-9)). May produce allergic reaction.

Precautionary statements:

P102 – Keep out of reach of children

P280 – Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501 – Disposal of contents /container in accordance with local/ national/regional/international regulations.

STORAGE

Store it in dry and dark rooms in temperature from +5°C to +25°C.
Protect from direct sunlight.
Do not allow to freeze!

QUALITY CONTROL

Parameters of the product quality are defined pursuant to internal product specifications. Achieving declared values is ensured by integrated system of quality management ISO 9001. Verification of declared and limit values are achieved through tests in certified laboratories. Significant importance is paid to protection of environment through integrated system of quality of environmental management ISO 14001.

OTHER INFORMATION

Color palette was performed through screen printing. Hence, in product application on various surfaces, there is possibility of nuance discrepancies from the color palette; however, this cannot be subject to claim. Different batches of the same nuance production could be differentiated due to natural origin of used raw materials the product is consisting of. Likewise, different batches of white colour could be differentiated for the same reasons.

In case application or esthetic lacks are noticed in installation, contractor is to stop the works immediately and duly inform the producer, who, hence, shall deal with complaint.

If a larger part of whole of amount of material is applied, complaint is not possible.

It is understood that contractor is aware of product characteristics and the way of its application.

Company Colorit doo shall not assume the damage caused due to contractor's unprofessionalism, wrong application or wrong choice of product for given purpose.





TECHNICAL DATA SHEET TL.C.04.01

Date of issue: January 4, 2016

*Technical Data Sheet is meant for guideline in order to achieve the best results in application only.
Read safety data sheet before use of product.*

