Oil Pan Paint 901

Ölwannenbeschichtung 901

special dispersion paint for the interior, resistant to heating oil EL and unused motor and gear oils

Properties

Tested, single-component, waterborne special dispersion paint on polyvinylacetate basis. Silk-matt, ready to use and easy to use. impermeable to oil, with high adhesion and elasticity. Tested by the Materials Testing Office NRW as a coating material for use in the manufacture of collection trays and chambers in the interior with a storage volume of ≤ 100 m³. Tested according to General Building Inspection Test Certificate No. P-22-MPANRW5309.

Field of Application

For use on intact concrete, plaster and screed surfaces in closed buildings. For manufacturing collection trays and chambers for heating oil EL, unused combustion engines and vehicle transmission oils as well as mixtures of saturated and aromatic hydrocarbons with aromatics content of ≤ 20 wt% and a flash point of≥ 55 °C, e.g., insulating oils for transformers and hydraulic oils within a building closed on all sides (e.g. floor surfaces in elevator shafts, etc.).

Note of AwSV:
The coating of collection trays in fuel oil consumer installations with storage capacities > 1,000 liters may only be performed by specialist companies in accordance with § 62 AwSV, see amendment notice for Test Certificate No. P-22-MPANRW5309 dated 11/14/2017.

Material description

Standard colors:

Scale	Description
03.03.18	0201 granite grey
27.12.24	0401 brick red

Gloss grade: silk matt
Base material: Synthetic resin dispersion on polyvinylacetate basis
Density:
approx. 1.24–1,27 g/cm³
Dry layer density:
approx. 40–50 µm per 100 ml/m²
Packaging: 2.5 l, 5 l

Use

Thinning
Prime coat to be thinned (10 % with water). Intermediate and top coat to be processed unthinned.

Tinting
No tinting.

Compatibility
Do not mix with other materials.

Application
Evenly apply Oil pan coating 901 with a long-bristled brush, paint brush or paint roller, e.g. the Polyamide Paint Roller 1314 or Premium Short-Fiber Paint Roller 1174. Before and during use, stir well and thin for prime coat. For proper coating, three paint layers are required at least. Different shades have to be used alternately for the individual layers to avoid defective areas. In order to make it clear how many layers were applied, the second, third and following layers shall be applied on the side walls such that a strip (approx. 1 cm) of the previous layer is left uncoated (=visible build-up). During the execution of the work, the requirements of the general building inspection test certificate must be complied with.

Consumption
Undiluted approx. 280 ml/m² per coat. At least 800 ml/m² of undiluted coating material is required for the coating as a whole. This ensures a total dry layer thickness of at least 280 µm. Determine exact consumption by way of a test application on the object.

Application temperature
Do not apply below +5 °C (substrate and material temperature). Note dew point temperature. Make sure the temperature is at least +3 °C above the dew point. The relative atmospheric moisture must not exceed 90 %.

Tool cleaning
Immediately after use (with hot water) Use of a standard household cleaning agent is recommended.

Drying (+20 °C, 65 % relative humidity)

Can be subject to walking loads after at least 8 hours. Implementation of the sequence of coatings: after a drying period of at least 12 hours. Stressable through, e.g. assembly work after 7 days.
Allow longer drying times at lower temperatures and/or higher air humidity.

Storage

Store in a cool and frost-free place. Close opened containers tightly.
If stored properly in unopened container, the material can be stored up to 12 months. For the best-before-date, refer to the container.

Declaration

Product code
BSW20.

Comply with the specifications in the current safety data sheet.

Coating build-up

Construction requirements
Settling and shrinkage cracks in the side walls and the bottom of the collection pans and chambers must be avoided by suitable design measures, e.g. toothing, reinforcement, anchors, etc. Load case "liquid pressure" must be considered. Expansion joints are not permissible in the collection pan and collection chamber areas. Concrete, plaster and screed surfaces must be bearing and without any defects. Inside edges must be designed as hollow moldings. Plaster and screed substrates must stick to the bearing building elements and the side walls and the bottom firmly. Their surface must not be leveled using a steel blade but must be rubbed down with a wooden board. Powdering with cement is not permissible. Pipe penetrations below the maximum liquid level of collection pans and chambers are not permissible.

Brickwork and concrete surfaces which do not meet the specified requirements must be provided with a firmly sticking cement plaster. Concreted, plaster and screed surfaces must at least be 28 days old and dry before they are coated. Water impact on the back side of the coat must be avoided. If ground water, leakage water or other water may penetrate the building, it must be sealed appropriately.

Substrate preparation and quality
The substrate must be solid and free from cement sludge, cement skin, loose and brittle particles, structured areas and separating substances (e.g. oil, grease, paraffin, rubber residues, separating agents, post-treatment agents, organic additives and painting residues). It must be dust-free. Before application of the paint coat, the surface must be inspected and approved by the person carrying out the painting. The surfaces must generally be pre-treated. Mechanical cleaning using a hard broom, steel brush or an industrial vacuum cleaner will normally be sufficient. Defective areas of the surface should be repaired using leveling material or concrete filler.

Also refer to the application guidelines in the general national technical test certificate.

Coat build-up Oil Pan Paint 901
According to specifications of general building inspection test certificate no. P-22-MPANRW5309

Substrates	Prime coat	Intermediate coat	Finish coat
untreated, normally absorbing concrete, plaster and screed surfaces in the interior	Oil Pan Paint 901, diluted with water (10 %)	Oil Pan Paint 901, unthinned	Oil Pan Paint 901, unthinned

For repair of coat and defects, refer to the specifications in test certificate.

Notes

Contiguous surfaces
On contiguous areas only use materials of the same production batch or mix the required amount of materials.

Plasticizers
Keep paint away from plasticizer-containing plastic materials, e.g. profiles/sealing materials and vehicle tires.

Approval of the coating
Assembly or installation of tanks or commissioning of plants may only start after approval of the coating according to the test certificate.

Mark the coating
Each coated collection tray and chamber is permanently labelled with the information in the test certificate. The label with this information can be found on the lid of the Oil Pan Coat 901.

Note the test certificate
When using the coating material in collection pans and chambers, the requirements of the general building inspection test certificate must be complied with. This must be available on site and is available at Brillux.

Remark

This Data Sheet has been prepared taking into account the current applicable German laws, standards, specifications and codes of practice. All details have been translated from the current German version. The contents do not form a legal contract. The user and/or the purchaser is not released from the responsibility of checking that our products are suitable for the proposed use. In addition our Terms of Conditions and Payment apply.

When a new version of this Data Sheet with updated information is published, the previous version no longer applies. The current version is available on our website.

Brillux
Weseler Straße 401
48163 Münster
GERMANY
Phone +49 251 7188-0
Fax +49 251 7188-105
info@brillux.de
www.brillux.com