

TECHNICAL INFORMATION

Date drafted:
07.12.2021



Date updated:
23.06.2023

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Modular Industrial Line
Product name: Polyurethane insulating and adhesion primer
for wet-on-wet working APP Sealer PUR 30-640 Tint WoW 4:1.
APP No.: 0270148.

Two-component polyurethane insulating and adhesion primer for tinting. Designed to insulate old coatings when repainting them in the wet-on-wet system. It does not leave lacquer dust and guarantees optimal condition of the APP Modular Industrial Line system topcoat.

Product and accessories. APP Sealer PUR 30-640 Tint WoW,
APP Hardener PUR 30-710,
APP Thinner Universal 30-810.

Basic ingredients. APP Sealer PUR 30-640 Tint WoW – polyurethane binder,
pigment pastes and additives,
APP Hardener PUR 30-710 – isocyanate hardener:
fast/FAST, standard/STANDARD and slow/SLOW
APP Thinner Universal 30-810 – universal thinner.
Pigmentation ratio (5-10) + (95-90).

Surface texture. Smooth.

Gloss. Matt.

Specific weight. 1.2 kg/L at 20°C

Binder solids content. 54-58% (by weight)
39-44% (by volume)

Solids content of ready-to-use primer without thinner. 51-55% (by weight)
37-42% (by volume)

Theoretical efficiency. For binder:
• 390-440 m²/L for 1 µm dry layer.
For ready-to-use primer without thinner:
• 370-420 m²/L for 1 µm dry layer.

Note!

In practice, efficiency depends on factors, such as the shape of the object, the roughness of the substrate, the application method and the working conditions.

The above information is in line with the current state of knowledge of our products and their possible applications. This does not guarantee specific properties or suitability for use under specific conditions. Follow the notes and warnings on the product labels and on the safety data sheet. We assume no liability if the final result of the work was influenced by factors beyond our control.

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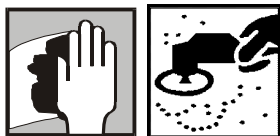
Application. For covering, without sanding, of OEM and cathoretic coatings. Designed to insulate old coatings when repainting them in the wet-on-wet system. It does not leave lacquer dust and guarantees optimal condition of the APP Modular Industrial Line system topcoat.

Advantages

- Can be applied without sanding to cathoretic coatings when painting new parts.
- A specialised wet-on-wet product.
- Can be coated with any topcoat from the APP Modular Industrial Line system.
- Significantly reduces repair costs and time.

Substrate Old paintwork, OEM coatings, cataphoresis.

Substrate preparation. Steel – NO.
Galvanised steel and aluminium – NO.
Existing finishes, cataphoresis.



- Degrease with remover. Optionally, dry-sand with P320-P360 abrasive paper

Before spraying APP Sealer PUR 30-640, clean the surface to be primed of dust and degrease with APP WB910 or APP W900 remover using APP Standard CT cleaner.

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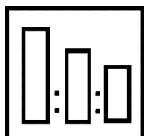
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Application

Mixing ratios.

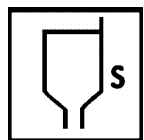


Mixing ratios by volume:

4 volumes APP Sealer PUR 30-640 Tint WoW.

1 volume APP Hardener PUR 30-710

10-25% APP Thinner Universal 30-810



Spray viscosity at +20°C: 28-32 s F/4.

Note!

Use only APP Hardener PUR 30-710.

Do not exceed the recommended hardener amount.

Application.

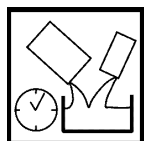


Apply with a spray gun equipped with a $\varnothing 1.3$ - $\varnothing 1.4$ mm nozzle at an air pressure of 2.0 to 3.0 bar.



Number of layers: 1 x 1.

Dry coating thickness: 20-35 μm .



Working time of the ready-to-use primer mixture:

- 3-4 hours / +20°C.

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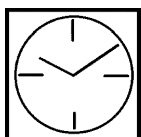
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Drying.



At +20°C:

Dust dry in: 7 min
Touch dry in: 14-16 min
Time to coat: between 20 min and 30 min
After curing, machine dry sand with P320-P400.

At +60°C:

Time to coat: at least 15 min to max 30 min.

The coating achieves its full performance properties after a seasoning period, i.e. after 10 to 15 days at 18-22°C.

Coverability

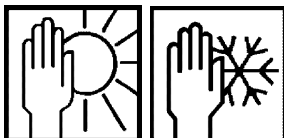
Intended for coating with any topcoat from the APP Modular Industrial Line system.

When completely dry, requires sanding with P320-P400.

Equipment cleaning.

Nitrocellulose or acrylic solvent.

Storage



Store in closed original packaging in a dry and well-ventilated room, at +5°C to + 30°C.

Protect from frost and direct sunlight.

OHS regulations



For professional use only.

See text on product labels or SDS.

The user must comply with the OHS regulations in force in the country concerned.

VOC

VOC in g/L: 2004/42/EC – II B (c1) (540)

Permissible VOC content in g/L in the ready-to-use product:

540 g/L for APP Sealer PUR 30-640 Tint WoW.

Maximum VOC content in g/L in the ready-to-use product with 10% thinner addition:

<540 g/L for APP Sealer PUR 30-640 Tint WoW.

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