

PROFIX

Acryl

Special coat 2K 2:1



2K **Acryl** coat is meant for creating coats on a number of surfaces (steel, aluminum and polymers). The two-component technology allows to achieve the effect of gloss surface, or matt surface if **003** is added .

By using Fleet Aditiv MIX 002, it is possible to coat large surfaces. It has a very short drying time and UV resistance.

The **Acryl** is fluorinated.

Paint fluidity: ●●●●○
 Gloss: ●●●●●
 Resistance to scratches: ●●●●●
 Plastic adhesion: ●●●●○
 Adhesion to ferrous metals: ●●●●●

| Unit | Packaging | Collective (box) |
|--------|-----------|------------------|
| 1 L* | | 3 pcs |
| 3,5 L* | | 2 pcs |

* Sizes available for specific toners are presented in the table (on the next page).

Surface preparation:

Cleansing with silicone remover;
 Aged and roughened coating; 2K acrylic and epoxy primers based on PROFIX technology. Lacquering plastics.

Pot life:

90 min

Recommended sizes of paint strainers:

125-190 µm

Thickness of dry coating:

~80-90 µm

Output:

Color dependent: 7-9 m²/l

Spray viscosity in 20°C:

18-21 s DIN Cup 4 mm

VOC:

2004/42/WE/IIB(e)(840) 840

Date of minimum durability:

36 months (in the original unopened package)



100 parts of MS Acryl,

50 parts of hardener MS CP 285 2:1,

10-20 parts of thinner 2K CP 040.



Two or three full layers or until full coverage is achieved.

Spray gun*. Gravity nozzle: **1.2-1.4 mm**. Suction nozzle: **1.4-1.6 mm**.*

Operating pressure - high pressure: **3- 4 bar***; HVLP: **2 bar***.

By using **Fleet Aditiv 002**, it is possible to coat large surfaces.

* Use high pressure equipment and HVLP. Pressure as recommended by the gun manufacturer.



Evaporation before applying consecutive layers: **5 min**.



Drying time 20°C, 65% H.R:

Dust free: **15 min**

Air dry: **1 h**

Prior to assembly: **5 h**

Through dry: **12 h***

Drying time 60°C, 65% H.R:

Prior to assembly: **30 min**

* Tests with CP 285 hardener.



Drying IR: **~20 min**

The recipe of the product complies with the VOC guidelines. The products supplied by our company are subject to a number of factory tests, so they can meet the highest demands. However, be aware of the individual conditions of storage, preparation and applications that can influence on the effect of varnishing. The guarantee to keep the highest quality of the coating is to use the product only with the products of the Manufacturer and in accordance with the recommendations of the Manufacturer. The Manufacturer does not guarantee performance and compatibility of the Products with products other than those of the Manufacturer. In order to recognize the guarantee and all claims, the user shall use the technologies and techniques for given Products - according to the technical data sheet and execute the sample spray prior to target painting.

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| Color number | Name | Price group | Capacity [L] |
|--------------|-------------------------|-------------|--------------|
| 001 | eco binder | 0 | 3,5 |
| 002 | fleet add | 1 | 3,5 |
| 003 | matt binder | 0 | 1 |
| 100 | white | 1 | 3,5 |
| 101 | super white | 1 | 3,5 |
| 201 | lead free yellow orange | 4 | 1 |
| 203 | oxide yellow | 1 | 3,5 |
| 225 | bright yellow | 3 | 1 |
| 230 | yellow | 4 | 1 |
| 301 | orange | 3 | 1 |
| 302 | bright orange | 4 | 1 |
| 303 | red | 3 | 3,5 |
| 402 | maroon | 3 | 3,5 |
| 404 | purple-red | 3 | 3,5 |
| 508 | blue | 2 | 3,5 |
| 600 | green | 2 | 3,5 |
| 602 | green blue | 2 | 3,5 |
| 662 | tr yellow green | 2 | 1 |
| 700 | deep black | 1 | 3,5 |
| 702 | mix black | 1 | 3,5 |
| 703 | medium black | 1 | 3,5 |
| 705 | special black | 2 | 3,5 |
| 800 | oxide red | 1 | 3,5 |

| Price group | Number of colorants 1L | Number of colorants 3,5 | Amount of colorants in price group |
|-------------|------------------------|-------------------------|------------------------------------|
| 0 | 1 | 1 | 2 |
| 1 | 0 | 8 | 8 |
| 2 | 1 | 4 | 5 |
| 3 | 2 | 3 | 5 |
| 4 | 3 | 0 | 3 |

IMPORTANT REMARKS:

- It is required to turn on the mixing station two times per day for at least 5 min (max. 15 min).
- Recommended temperature for storing ranges from 18°C to 25°C (do not expose products below 5°C also during transport).
- New, unopened containers of toners should be mixed thoroughly before using them.
- Acryl should be poured through 125-190 µm paint strainer before application.
- The additional time needed to heat up the element temperature should be taken into account.
- All given drying and evaporation times are related to relative humidity.
- We recommend to perform spraying test before applying it onto the chosen element.



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