

DICCODUR 40

DESCRIPTION

A two component, polyacrylate polyurethane paint.

EMISSION CLASSIFICATION

The paint does not contain free formaldehyde and after drying it does not emit formaldehyde to the environment.

PRODUCT FEATURES AND RECOMMENDED USES

- ◆ Recommended for furniture, doors and other interior objects.
- ◆ Suitable for plywood and fibre board surfaces, skis and furniture.
- ◆ Heat resistance up to 100 °C.

TECHNICAL DATA

Solids content

abt. 42 % by volume, 62 % by weight.

Specific gravity

1.4 kg/litre.

Mixing ratio

| | | | |
|----------|---------------------|---------------------|-----------|
| Paint | 100 parts by volume | 100 parts by weight | 507 serie |
| Hardener | 20 parts by volume | 15 parts by weight | 007 1250 |

Recommended spreading amounts and theoretical coverage

| Recommended spreading amounts (unthinned) | | Theoretical coverage |
|---|--------------------------------|--------------------------|
| wet / one layer | theoretical dry film thickness | |
| 135 g/m ² | 40 µm | 9 - 10 m ² /l |

Practical coverage depends on the application method, painting conditions and the shape and roughness of the surface to be coated.

Pot life (23 °C)

6 hours.

Application details

| Application technique | Viscosity DIN4 |
|-----------------------|----------------|
| Low pressure spraying | 20 - 25 s |
| Airless spraying | 25 - 35 s |
| Curtain coating | 35 - 45 s |
| Roller coating | 40 - 60 s |

Drying times (80 - 100 g/m²)

| | 20 °C | 50 °C |
|----------------------|--------|--------|
| Dust dry, after | 30 min | |
| Dry to sand, after | 1.5 h | 45 min |
| Dry to handle, after | 2 h | 1 h |

Stacking temperature below 35 °C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Thinner

Thinner 1062 (curtain coating, slow), Thinner 1048 (spraying, middlefast) and Thinner 1061 (for plastic, fast).

Gloss

DIN 67530, ISO 2813/60° 40 (semigloss).

Colours

RAL, BS and NCS colour cards. TEMASPEED tinting.

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APPLICATION DETAILS

| | |
|-------------------------------|--|
| Application | Stir the paint carefully. Add 20 % by volume Hardener 007 1250 and mix carefully again. Thin the paint to the viscosity required. |
| Application conditions | The surface to be treated has to be clean and dry. During application and drying the temperature of the air, the surface to be treated and the paint has to be over 18 °C and the relative humidity of the air below 70 %. |
| VOC | The Volatile Organic Compounds amount is 510 g/litre of paint. Maximum VOC content in ready to use paint (thinned 20 % by volume) is 586 g/l. |
| HEALTH AND SAFETY | Containers are provided with safety labels, which should be observed. Further information about hazardous influences and protection are detailed in individual health and safety data sheets. A health and safety data sheet is available on request from Tikkurila Oy. |

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