

## CODE

**21030 CORASPECT 1K**

## DESCRIPTION

This is a single-component paint based on modified acrylic resin. Thanks to special additives, it provides a coating with high mechanical properties, such as gloss, UV resistance, corrosion resistance, high flexibility, and excellent abrasion resistance. It adheres firmly to all types of difficult surfaces—including metal, chrome, steel, aluminum, stainless steel, PVC, and galvanized surfaces—and offers excellent adhesion even on surfaces with surface irregularities.

## USAGE

- Agricultural Machinery and Equipment
- On-Board Equipment
- Machinery and Equipment
- Industrial Facilities
- Maintenance and Repair Paints
- General Metal Surfaces

## COLOR

RAL Colors and Custom Colors

## PRODUCT INFORMATION

|                                         |            |
|-----------------------------------------|------------|
| Gloss                                   | 20 – 40 GU |
| Solids by Volume %                      | 50 ± 3     |
| Density                                 | 1.5 ± 0.1  |
| Theoretical Spread (m <sup>2</sup> /kg) | 6.70       |

## MIXING INFORMATION

|                            |                 |
|----------------------------|-----------------|
| Hardener Code              | -               |
| Mixing Ratio (by Weight)   | -               |
| Thinner                    | Acrylic Thinner |
| Thinning Ratio (by weight) | 0–20%           |

## DRYING INFORMATION

|             | 5 °C          | 20 °C         | 60 °C |
|-------------|---------------|---------------|-------|
| Dust-Dry    | 15–30 minutes | 5–10 minutes  | -     |
| Touch Dry   | 1–2 hours     | 30–60 minutes | -     |
| Full Cure   | 12 hours      | 4–6 hours     | -     |
| Full Curing |               | 7 Days        |       |

Note: Curing times apply to the specified dry film thickness and relative humidity below 85%. It should be noted that curing time will increase as the application thickness increases.

## SURFACE PREPARATION

**For Steel Surface Applications:** The surface must be free of oil, dirt, or dust. If the primer was applied more than the maximum time allowed before the topcoat application, the surface must be sanded to remove the primer.

**Application to previously painted surfaces:** Contaminants such as oil, dirt, grease, etc., must be removed from previously painted surfaces using a suitable cleaner; salt and other contaminants should be washed off with high-pressure tap water. It is recommended that sound, previously painted surfaces be abraded using appropriate roughening methods to improve adhesion. Before painting, flaking and worn surfaces must be mechanically abraded to the St 2–St 3 level in accordance with ISO 8501-1, down to the sound painted areas. As an alternative depending on application and environmental conditions, the surface should be abraded to a minimum of Sa 2, preferably Sa 2½.

**Touch-up:** The surface to be touched up must be clean and dry; it must be free of all contaminants such as oil, dirt, and dust. After blasting to the Sa 2½ level in accordance with the ISO 8501-1 standard, touch-ups can be performed using the same paint.

## STORAGE

The product must be stored in its original packaging with the lid closed at temperatures between 10–35 °C, in a dry, enclosed, well-ventilated area protected from direct sunlight. The temperature difference between day and night during storage must not exceed 10 °C. If Component A is to be stored for more than 3 months, the container must be stored upside down for the following 3 months. Under these conditions, the product has a shelf life of 6 months.

## PACKAGING

|                  | A<br>Component | B<br>Component |
|------------------|----------------|----------------|
| Filling Quantity | 22             | -              |

Note: The dilution ratio may vary depending on application equipment, desired dry film thickness, and other factors. Using thinner other than the recommended one may cause issues with the product's viscosity, dusting, drying, pot life, etc. Adhering to the specified values during mixing is directly proportional to the product's performance. The product must be mixed using a mechanical mixer with an expof system until a homogeneous mixture is obtained. To achieve a homogeneous mixture, the product must not be below 15 °C. The mixed paint must be allowed to stand for at least 10 minutes before application. The mixed paint must be used before the pot life expires.

For professional use only. Since this technical data sheet is based on laboratory data, please consult technical personnel for details not sufficiently covered above. Otherwise, the manufacturer shall not be held liable for any errors resulting from insufficient information. Our company reserves the right to modify this information.

**Dekoral Boya Kimya San. ve Tic. A.Ş.**

Saray Mah. Bekir Adıbelli Bulvarı No: 33 Kahramankazan - Ankara / TÜRKİYE

T : +90 312 354 8 777 F : +90 312 354 8 770

info@dekoralboya.com.tr  
www.dekoralboya.com.tr