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| PAINT TYPE | TEKNOLAC 0191 is an air-drying alkyd-based top coat. |
| USAGE | Top coating of steel objects for both indoor and outdoor use. |
| SPECIAL PROPERTIES | The paint dries quickly and has very good weathering properties. It gives very good protection against corrosion in systems together with e.g. TEKNOLAC PRIMER 0168. |

TECHNICAL DATA

| | | | |
|------------------------------------------------------------------|-------------------|---------------|------------------------------------------------|
| Solids (ISO 3233) | 46 ±2 % by volume | | |
| Total mass of solids | abt. 600 g/l | | |
| Volatile organic compound (VOC) | abt. 500 g/l | | |
| Recommended film thickness and theoretical spreading rate | Dry film (µm) | Wet film (µm) | Theoretical spreading rate (m ² /l) |
| | 40 | 86 | 11,5 |
| | 60 | 130 | 7,7 |

As many of the paint's properties will change if too thick coats are applied, it is not recommended that the product is applied to a film thickness that is more than double of the thickest recommended film.

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|-------------------------------------------|-------------------------------------------------------------------------------------|
| Practical spreading rate | The values depend on the application technique, surface conditions, overspray, etc. |
| Drying time, relative humidity 50% | |
| - touch dry, +23 °C | 40 µm: after 45 min 60 µm: after 60 min |

- overcoatable

| by itself | | by TEKNOSYNT 90, TEKNOSYNT COMBI 1277 or FUTURA 90 | |
|---------------------------------------------|--------------------------------------------|----------------------------------------------------|----------------|
| +5°C | +23°C | +5°C | +23°C |
| min: before 8 h or only after at least 12 d | min: before 4 h or only after at least 4 d | min: after 4 h | min: after 2 h |
| max: - | max: - | max: - | max: - |

The values given for drying times and overcoatability may vary depending on film thickness and drying conditions.

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|--------------------------|-------------------------------------------------------------------------------------------------------------------|
| Thinner, clean up | TEKNOSOLV 1639 - rapid thinner. TEKNOSOLV 1640 - slow thinner for better levelling and less risk of dry spray. |
| Finish | Gloss |
| Colours | The paint is included in Teknotint and Teknomix tinting systems. Standard colours by agreement. |

SAFETY MARKINGS

See Safety Data Sheet.

NOTE! Because of the danger of self-ignition, any waste from the product, spray mist and soiled rags etc. are to be kept in a fire-proof place in air-tight containers. Immersion in water is also recommended.

DIRECTION FOR USE**Surface preparation**

Remove from the surfaces any contaminants that might be detrimental to surface preparation and painting. Remove also water-soluble salts by using appropriate methods. The surfaces are prepared according to the different materials as follows:

OLD PAINTED SURFACES SUITABLE FOR OVERCOATING: Any impurities that might be detrimental to the application of paint (e.g. grease and salts) are removed. The surfaces must be dry and clean. Old, painted surfaces that have exceeded the maximum overcoating time are to be roughened as well. Damaged parts are prepared in accordance with the requirements of the substrate and the maintenance coating.

The place and time of the preparation are to be chosen so that the prepared surface will not get dirty or damp before the subsequent treatment.

Prefabrication primer

KORRO PVB Prefabrication Primer and KORRO E Epoxy Prefabrication Primer can be used, when required.

Application

Before use stir the paint thoroughly.

Apply preferably by airless spray or airless spray equipped with air-assisted pistol (nozzle 0.013 - 0.018"). The paint is sprayed evenly to the specified film thickness. Special care should be taken when spraying edges, corners and welding joints. Small areas can also be painted with a brush, but in this case one additional coat has to be applied in order to achieve the specified film thickness.

Application conditions

The surface to be painted has to be dry. During the application and drying period the temperature of the ambient air, the surface and the paint shall be above +5°C and the relative air humidity below 80%.

The information of this data sheet is normative and based on laboratory tests and practical experience. Teknos guarantees that the product quality conforms to our quality system. Teknos accepts, however, no liability for the actual application work, as this is to a great extent dependent on the conditions during handling and application. Teknos accepts no liability for any damage resulting from misapplication of the product. This product is intended for professional use only. This implies that the user possesses sufficient knowledge for using the product correctly with regard to technical and working safety aspects. The latest versions of Teknos data sheets, material safety data sheets and system sheets are on our home pages www.teknos.com.



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