

METALKOTE ALKYD PRIMER AP-291

No. TD : A-075
Revision : 05
Effective Date : 10/01/2020

METALKOTE ALKYD PRIMER AP-291 is a fast dry alkyd primer containing corrosion inhibiting pigments. This primer is effectively used as a protective coating for all types of steel constructions and steel components in rural and moderates industrial environment.

This quality is especially distinguished by high quality anti corrosion protection in conjunction with the top coat for light duty exterior application. It is easy to apply, fast dry, and has good adhesion on metal substrates. This product does not contain heavy metals material.

PRODUCT SPECIFICATION

Type	: One component alkyd primer
Color	: Green, Grey, Black, Red Oxide
Finish	: Matt
Solid content (NV, v/v)	: 55 ± 2 %
Specific gravity	: 1.40 ± 0.04 g/cc
Flash point	: 30°C
Packaging	: 1 kg in can 5 kg in steel gallon 25 kg in steel pail

APPLICATION

Substrate	: Iron Mild, Steel
Application condition	: 25 - 35°C, 60 – 80% RH
Application method	: <u>Air spray</u> <u>Brush/Roller</u>
Thinning ratio by weight	: 30 % 15 %
Thinner	: Thinner B
Wet film thickness	: 110 microns
Dry film thickness	: Minimum 60 microns
Re-coating interval	: Minimum 4 hours (30°C) Maximum 3 months (30°C)
Theoretical coverage	: 6.5 m ² /kg (DFT = 60 microns)

FILM PROPERTIES

Drying time	: Surface dry = 10 – 20 minutes (30°C) Hard dry = 3 – 4 hours (30°C)
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OTHERS

Storage Stability	: Two years if it is stored in cool and dry place, also in its original not opened package. (Do not store below freezing point)
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SURFACE PREPARATION

1. All surfaces should be clean, dry and free from contamination.
2. Oil or grease should be removed by solvent cleaning or industrial detergent.
3. Remove the rust with mechanical sander or with chemicals.
4. Provide adequate ventilation during application and drying. oil

INSTRUCTION FOR USE

Prepare one mixture (A+Thinner) as much as needed for application.

Firstly stir well ALKYD PRIMER AP - 291, then add Thinner B and mix until homogen. Apply mixed material using conventional spray. To achieve a smooth surface use a good quality brush or roller. Provide adequate ventilation during application and drying.

RECOMMENDED COATING SYSTEM

Preceding coat	:	-
Subsequent coat	:	ALKYD TOP COAT AT-203

SAFETY PRECAUTION

This product does not contain any material with heavy metals such as lead. Avoid contact with the skin and eyes. Wear suitable protective coating such as overalls, goggles, dust mask, and gloves. Use barrier cream. This product is flammable. Do not smoke. Do not breathe vapor or spray. Use only explosion proof equipment. Provide adequate ventilation during application.

FIRST AID:

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| ➤ General | : | in all cases of doubt, or when symptoms persists, seek medical attention. Never give anything by mouth to an unconscious person. |
| ➤ Eyes
minutes | : | In the case of accidental splashes, flush eyes with clear running water for 5 while holding eyelids open. If irritation persist, seek medical attention. |
| ➤ Skin | : | Wash off thoroughly with plenty of water and soap. Do not use solvent or thinner. Removed contaminated clothing. If irritation persist, seek medical attention. |
| ➤ Inhalation | : | Remove affected person to fresh air area, loosen collar, provide oxygen if breathing is difficult. If affected person is not breathing, administer CPR and seek emergency medical attention. |