

Stoving Enamel

PRODUCT DESCRIPTION

Type: A single pack, alkyd-melamine based finish which when heated to over 120°C, rapidly dries to a hard, abrasion resistant coating.

Uses: Protection and beautification of primed and unprimed steel

Substrates: Suitably prepared and/or primed ferrous and non-ferrous furniture, light fittings, shelving, partitions etc.

Advantages: Fast drying. Hard-wearing and durable. Excellent adhesion, chemical and abrasion resistance

Conditions during application; The temperature of the substrate should be minimum 10°C and at least 3°C above the dew point of the air, measured near the substrate. Good ventilation is required in confined areas to ensure proper drying. The moisture content in the substrate should not exceed 3% (by weight). The coating should not be exposed to oil, chemicals or mechanical stress until fully cured.

PRODUCT DATA:

Colour Range: Available in White, Black, Clear and customer specific colours

Pack Sizes: 1 litre and 4 litres

Finish: Gloss

Thinner & equipment cleaner: Crown Industrial Thinner

Thinning: Up to 25% by volume with Crown Industrial Thinner.

Stoving Times: 20 min at 135°C. 30 min at 120°C.

D.F.T.: Min. 25 microns. Max. 35 microns.

APPLICATION DATA:

The product can be applied by: Apply by spray or dipping @ viscosity 18-22 seconds Ford #4 Cup.

Spreading Capacity per coat: Depends on film thickness applied, type of texture, surface porosity, imperfections, temperature & wastage during painting

7 - 10 m²/l per coat @DFT 25µm. Maximum spread rate per coat is obtained at minimum dry film thickness and vice versa.

TECHNICAL DATA SHEET



If you like it... Crown it!

DIRECTIONS FOR USE

Surface preparation & Paint System:

Surface	Preparation	Primer/ Undercoat	1 st coat	2 nd coat
Ferrous Metal	Degrease. Remove rust using Rust Remover	Often omitted but application of Stoving Primer would improve performance	1 coat Crown Stoving Enamel Thinned up to 25% by volume with Industrial Thinner	1 coat Crown Stoving Enamel Thinned up to 25% by volume with Industrial Thinner
Non-ferrous metal	Degrease with White Spirit or Degreaser. Apply 1 coat Mordant Solution or 1-pack Etch Primer	Often omitted but application of Stoving Primer would improve performance	1 coat Crown Stoving Enamel Thinned up to 25% by volume with Industrial Thinner	1 coat Crown Stoving Enamel Thinned up to 25% by volume with Industrial Thinner

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Kampala, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Precautions:

1. Do not apply when ambient temperatures are below 10°C
2. Avoid applying heavy coatings above 35µm DFT to prevent wrinkling
3. Avoid the use of cheap solvents as these may affect gloss or drying time
4. May be overcoated by itself as soon as it has cooled down. It is advisable to abrade to etch surface and provide better “key” for final coat.

Availability: From Crown Depots in Nairobi, Kisumu, Mombasa, Meru, Nyeri, Eldoret, Arusha, Mwanza, Dar es Salaam, Kigali and through Crown Stockists.

Storage Conditions: Store under cool dry conditions away from direct sunlight, heat and extreme cold.

Disclaimer: The recommendations contained herein are given in good faith and meant to guide the user in accordance with good painting practices. They are gained from our tests and experiences and are believed to be accurate and reliable. No warranty/guarantee is implied by the recommendations contained herein since the conditions of use; application method, substrate and cleanliness of the substrate are beyond Crown Paints Kenya PLC control.

Technology may change with time, necessitating changes to this Technical Data Sheet (TDS). Crown Paints Kenya PLC reserves the right to amend the TDS without any further notice.

It is the responsibility of the user to ensure that the latest TDS is being used for reference.



Toxic/Harmful



Harmful/Irritant



Highly/Extremely
Flammable



Dangerous for the
Environment

For additional health & safety information, please refer to our Material Safety Data Sheet (MSDS)