
Description:	HEMPEL'S SPEED-DRY ALKYD 43141 is a quick-drying anticorrosive single layer or finish coat pigmented with zinc phosphate as anticorrosive inhibiting pigment. HEMPEL'S SPEED-DRY ALKYD 43141 is also available in a Micaceous Iron Oxide or aluminium pigmented version.
Recommended use:	As an anticorrosive single layer coat for steel structures, general steel work and a multitude of applications for heavy and light steel industry, where quick drying properties are required. It is for general use, in exterior and interior steel surfaces. Suitable for protection of steel in mild to medium atmospheric corrosive environments.
Service temperature:	Maximum, dry exposure only: 120°C/248°F
Certificates/Approvals:	Complies with EU Directive 2004/42/EC: subcategory i.
Availability:	Not included in Group Assortment. Availability subject to special agreement.
PHYSICAL CONSTANTS:	
Shade nos/Colours:	17770*/ Grey.
Finish:	Semi-gloss
Volume solids, %:	48 ± 1
Theoretical spreading rate:	6 m ² /l [240.6 sq.ft./US gallon] - 80 micron/3.2 mils
Flash point:	24 °C [75.2 °F]
Specific gravity:	1.3 kg/litre [10.7 lbs/US gallon]
Dry to touch:	20 minute(s) , 20°C/68°F Proper ventilation is required.
VOC content:	458 g/l [3.8 lbs/US gallon] <i>*Wide range of colours available via Hempel's MULTI-TINT system.</i> <i>The physical constants stated are nominal data according to the HEMPEL Group's approved formulas.</i>
APPLICATION DETAILS:	
Application method:	Brush/Roller (touch up) / Airless spray
Thinner (max.vol.):	08080 (5%) / 08080 (5%)
Nozzle orifice:	0.013 - 0.019 " (see REMARKS overleaf)
Nozzle pressure:	200 bar [2900 psi] (Airless spray data are indicative and subject to adjustment)
Cleaning of tools:	HEMPEL'S THINNER 08080
Indicated film thickness, dry:	80 micron [3.2 mils] see REMARKS overleaf
Indicated film thickness, wet:	175 micron [7 mils]
Overcoat interval, min:	see REMARKS overleaf
Overcoat interval, max:	see REMARKS overleaf
Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Safety Data Sheets and follow all local or national safety regulations.

Product Data

HEMPEL'S SPEED-DRY ALKYD 43141



SURFACE PREPARATION:

New steel: Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Abrasive blasting to Sa 2½ (ISO 8501-1:2007). All damage of shopprimer and contamination from storage and fabrication should be thoroughly cleaned prior to final painting. For repair and touch-up use: HEMPEL'S SPEED-DRY ALKYD 43141.
Repair and maintenance: Remove oil and grease etc. thoroughly with suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Remove all rust and loose material by abrasive blasting or power tool cleaning. Dust off residues. Touch up bare spots to full film thickness.

APPLICATION CONDITIONS:

Apply only on a dry and clean surface with a temperature above the dew point to avoid condensation. In confined spaces provide adequate ventilation during application and drying. The temperature should not be below: 5°C/41°F.

REMARKS:

VOC - EU Directive 2004/42/EC:

Product	As supplied	5 vol. % thinning	Limit phase II, 2010
4314117770	458 g/l	478 g/l	500 g/l

For VOC of other shades, please refer to Safety Data Sheet.

Film thicknesses/thinning:

May be specified in another film thickness than indicated depending on purpose and area of use. This will alter spreading rate and may influence drying time and overcoating interval. Normal range is: 60 - 120 micron/ 2.4 - 4.8 mils.

Overcoating note:

Before overcoating after exposure in contaminated environment, clean the surface thoroughly by high pressure water cleaning and allow drying. This product can be overcoated wet-in-wet within 1-4 hours at 20°C/68°F. If this interval is exceeded, overcoat after days at 20°C/68°F.

Note:

HEMPEL'S SPEED-DRY ALKYD 43141 For professional use only.

ISSUED BY:

HEMPEL A/S

4314117770

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope, see "Explanatory Notes" available on www.hempel.com. Data, specifications, directions and recommendations given in this data sheet represent only test results or experience obtained under controlled or specially defined circumstances. Their accuracy, completeness or appropriateness under the actual conditions of any intended use of the Products herein must be determined exclusively by the Buyer and/or User.

The Products are supplied and all technical assistance is given subject to HEMPEL'S GENERAL CONDITIONS OF SALES, DELIVERY AND SERVICE, unless otherwise expressly agreed in writing. The Manufacturer and Seller disclaim, and Buyer and/or User waive all claims involving, any liability, including but not limited to negligence, except as expressed in said GENERAL CONDITIONS for all results, injury or direct or consequential losses or damages arising from the use of the Products as recommended above, on the overleaf or otherwise. Product data are subject to change without notice and become void five years from the date of issue.