



Product Data

HEMPEL'S FAST DRY ENAMEL 538SG

Description:	HEMPEL'S FAST DRY ENAMEL 538SG is single component, quick-drying, urethane modified alkyd paint.
Recommended use:	As a general purpose finishing coat, interior and exterior, on steel substrates. In mild to moderately corrosive atmospheric environment.
Availability:	Not included in Group Assortment. Availability subjected to special agreement.

PHYSICAL CONSTANTS:

Colours/Shade nos.:	Grey / 11480
Finish:	Glossy
Volume Solids, %:	44 ± 1
Theoretical spreading rate:	11.0 m ² / litre - 40 micron / 1.6 mils 290 sq. ft. /US gallon - 2 mils
Flash Point:	37 °C / 98.6 °F
Specific Gravity:	0.950 kg/litre
Dry to touch:	1.5 (approx.) hour at 20 °C/68 °F
VOC:	452 g/litre

* Other Shades according to assortment list.

The physical constants stated are nominal data according to the HEMPEL Group's approved formulas. They are subject to normal manufacturing tolerances and where stated, being standard deviation according to ISO 3534-1.

APPLICATION DETAILS:

Application method:	Airless spray / Air spray / Brush
Thinner (max. vol.):	08230 (5%) / 08230 (15%) / 08230 (5%)
Nozzle orifice:	0.017" - 0.021"
Nozzle pressure:	150 bars / 2200 psi <i>(Airless spray data are indicative and subject to adjustment)</i>
Cleaning of tools:	HEMPEL'S THINNER 08080
Indicated film thickness, dry:	40 micron / 1.6 mils
Indicated film thickness, wet:	100 micron / 4.0 mils
Recoat interval, min:	According To Specification
Recoat interval, max:	According To Specification

Safety:	Handle with care. Before and during use, observe all safety labels on packaging and paint containers, consult HEMPEL Material Safety Data Sheets and follow all local or national safety regulations. Avoid inhalation, avoid contact with skin and eyes, and do not swallow. Take precautions against possible risks of fire or explosions as well as protection of the environment. Apply only in well ventilated areas.
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HEMPEL'S FAST DRY ENAMEL 538VN

SURFACE PREPARATION	New steel: Remove oil and grease etc. thoroughly with a suitable detergent. Remove salts and other contaminants by high pressure fresh water cleaning. Power tool cleaning to St. 3 or abrasive blasting to Sa 2 (ISO 8501-1:2007). Prime with HEMPEL'S FAST DRY PRIMER 120SG . 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. Prime with HEMPEL'S FAST DRY PRIMER 120SG . Touch up bare spots with HEMPEL'S FAST DRY ENAMEL 538SG .
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.
PRECEDING COAT	According to specification. Recommended systems are HEMPEL'S FAST DRY PRIMER 120SG .
SUBSEQUENT COAT:	None
REMARKS:	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 recoating interval. Drying times will be affected correspondingly as they are generally related to air currents, ventilation, ambient temperature, film thickness and number of coats.
Note:	HEMPEL'S FAST DRY ENAMEL 538SG is for professional use only.
ISSUED BY	HEMPEL R&D SG, 538SG11480SG001

This Product Data Sheet supersedes those previously issued.

For explanations, definitions and scope see "Explanatory Notes" in the HEMPEL Book.

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.

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Product data are subject to change without notice and become void five years from the date of issue.