

MATERIALS/ PAINTS

FNHA-2-J-061.00

Worldwide Standard Performance Paint Coatings

1.0 SCOPE

1.1 The materials defined by this specification are heavy metal free low solids or high solids, compliant waterborne or solvent based liquid paints or standard durability powders paints or equivalent for standard exterior durability used on New Holland products.

1.2 This specification may involve hazardous materials, apparatus, and procedures. This specification does not address the health and safety problems, if any associated with its use or application. It is the specification user's responsibility to follow appropriate safety or health practices, and determine the applicability of regulatory limitations prior to use.

1.3 The materials, which meet this specification, shall comply to the health and safety requirements of the region where this product is being used.

2.0 APPLICATION

This specification was released originally for use on metal and other non-ferrous components on farm implements.

3.0 DESIGNATION

The Engineering drawing shall contain the notations for specification of paint in accordance with standard 86511126 (FNHA-3-B-100.00). The color shall be taken from the color specification 86505483 (FNHA-2-J-005.00)

4.0 RELATED STANDARDS

86505483(FNHA-2-J-005.00) - Color Designation

86507635(FNHA-2-J-001.00) - Paint Test Procedure

86514388 (FNHA-2-J-065.00) Primer Performance Coating

86511415(FNHA-2-J-050.00) Preprimed Steel

86511126(FNHA-3-B-100.00) - Reference Standards on Drawings

86541552(FNHA-4-B-200.00) - Supplier Painting Process Quality.

86571353(FNHA-2-J-099.00) Approved Supplier and Paint Product List

5.0 REQUIREMENTS

5.1 Pre-paint Preparation

5.1.1 All metal surfaces shall be clean from metal scale such as oxide or rust. All metal surfaces shall also be clean from any oils, or other compounds that could cause poor paint adhesion.

5.1.2 Ferrous substrates must be prefinished using a minimum of an iron phosphate system or any equivalent pretreatment which will help meet the requirements of this specification.

5.1.3 All non-ferrous metal such as aluminum must have commercially acceptable cleaning and chromate conversion coating. Zinc phosphate coating is also acceptable.

5.2 The STANDARD PERFORMANCE PAINT specification was developed in conjunction with an alkyd type primer, Primer Perf. Coating 86514388 (FNHA-2-J-065.00) or on Pre-primed steel

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ALL	G	IE	111949	MAY 98	 NEW HOLLAND	ENGINEERING SPECIFICATION	
ALL	F	JDF	111468	FEB 98			
ALL	E	RLF	110255	JUL 97			
ALL	D	TH	109949	970522			
ALL	C	TH	104868	931202			
ALL	B	RE	104868	931202	THE INFORMATION HEREON IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF NEW HOLLAND N. V. AND/OR ITS SUBSIDIARIES. ANY USE, EXCEPT THAT FOR WHICH IT MAY BE LOANED, IS PROHIBITED.	FRAME 1	OF 3
FRAME NO.	REV	BY	ECN NO.	DATE		PART NUMBER	
APP.	DRAWN	KH		JUN 94			
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86511415 (FNHA-2-J-050.00) on ferrous substrates in order to achieve corrosion and outdoor durability characteristics. Alternative paint systems may be used if they meet the performance requirements of this specification and prior to usage are approved by the New Holland's Materials Engineering Group.

5.3 Typical film build to develop this specification was in the range of 1.0 mils. for the primer and about 2.0 mils. for the topcoat

5.4 The product, properly applied, must be free of any visible film defects including excessive orange peel.

5.5 The performance properties are listed in Table 1.

6.0 APPROVAL OF MATERIALS

Materials defined by this specification must have prior approval by the responsible Materials Engineering Activity. Suppliers desiring approval of their materials shall first obtain an expression of interest from the affected Purchasing, Design, or Materials Engineering activity. Upon request, the supplier shall submit to the affected Materials Engineering activity its own laboratory report to the specification (test results, not nominal values), the material designation and code number, and test specimens and product for New Holland evaluation. Upon approval, the material will be added to the Approved Supplier and Paint Product List.
86571352 (FNHA-2-J-099.00)

7.0 SUPPLIER RESPONSIBILITY

7.1 Paint suppliers shall perform the necessary tests for sample approval for initial lots. After this approval, suppliers are required to perform the specific tests on their batches and ascertain that

their product will conform to the specification limit. These results shall be submitted to New Holland when requested by New Holland Materials Engineering, Quality Control Department, or Quality Assurance Group. These specified requirements will be used to reconcile any disputed values

7.2 All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to the making of any changes in the properties, composition, construction, color, dimension, processing, or labeling of the material originally approved under this specification, the supplier shall notify Purchasing and the affected Materials Engineering activity of the proposed changes and obtain the written acknowledgment of the Material Engineering activity. Test data, test samples, and a new identification code are to be submitted with the request.

8.0 COMPONENT SUPPLIER REQUIREMENTS.

Component (Painted parts) suppliers shall perform the necessary tests for sample approval for initial lots meeting specification requirements for 86541552 (FHNA-4-B-200.00) Supplier Painting Process Quality. Paint used by the supplier shall be approved by Materials Engineering prior to it being used in a production environment. After this approval, suppliers are to perform the specific tests, and maintain copies to ascertain that their process will conform to the specification limits. These results shall be submitted to New Holland when requested by New Holland Materials Engineering, Quality Control Department, or Quality Assurance Group. These specified requirements will be used to reconcile any disputed values.

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	STD STANDARD PERFORM ENGINEERING SPECIFICATION				REV. H	FRAME 2
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