

New Holland Low Bake Low Gloss Black Enamel - Grand Island Plant

1. SCOPE

1.1 The material defined by this specification is a VOC complying, conventional solids enamel suitable for exterior exposure 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.

2. APPLICATION

This specification was released originally for material used as the final color coat on tractors or implements and their parts. It shall be satisfactory for use over specified primers.

3. RELATED STANDARDS

86505483(FNHA-2-J-005.00) - Color Designation
86507635(FNHA-2-J-001.00) - Test Procedures
86508537(FNHA-2-J-0061.00) – Worldwide
Standard Performance Paint Coatings

4. DESIGNATION

This specification is intended to identify a specific paint for supplier purposes. This specification designation shall not appear on Engineering drawings.

5. REQUIREMENTS

5.1 PERFORMANCE

5.1.1 The specific paint shall meet the performance requirements in Worldwide Standard Performance Paint Coatings 86509537 (FNHA-2-J-061.00)

5.1.2 The specific wet requirements for this paint are listed in Table 1.

5.2 COMPOSITION

5.2.1 Vehicle

The fixed vehicle shall essentially be a cross-linking, drying oil modified alkyd resin. The proportion of solvents in the volatile portion are to be so arranged that the enamel will level out satisfactory on spray application. The volatility of the solvents is to be balanced so that a spray coat will give a dried film of 0.0015 to 0.002 in. (38 - 51 microns) without sagging and with satisfactory freedom from roughness or dry spray.

5.2.2 Pigment

The enamel shall be balanced and blended so that the finished enamel matches the NEW HOLLAND low gloss Black M1724G 86505493 per standard 86505483 (FNHA-2-J-005.00).

					NAME	STD NH LG BLACK GI			
					 NEW HOLLAND	ENGINEERING SPECIFICATION			
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6. SUPPLIER RESPONSIBILITY

6.1 Suppliers shall perform the necessary tests for sample approval when required. After this approval, suppliers are not required to perform the specific test procedures listed unless requested by FNHA. Suppliers are responsible for insuring that their product will conform to the specification limits when tested by the specified methods. The specified methods will be used to reconcile disputed values. All test designations are latest issue unless otherwise specified.

6.2 All materials supplied to this specification shall be equivalent in all characteristics to the material upon which approval was originally granted. Prior to making any changes in the properties, composition, construction, color, processing or labeling of the material originally approved under this specification, whether or not such changes affect the material's ability to meet the specification requires written notification to Purchasing and the other affected Materials Engineering activity. Test data, test samples and a new code identification are to be submitted with the request. Supplier must have the written acknowledgement and approval of the Materials Engineering activity prior to initiating any changes.

Table 1 - Wet Requirements			
Properties	Units	Specification	FNHA Test Methods
NON-VOLATILES (VOLUME)	PERCENT	28.00 +/- 2.0	86507639
VISCOSITY ZAHN CUP #2	SECOND	30 – 40	86507640
HIDING POWER	MILS MAX	2.0	86507642
DIP TANK STABILITY	HOURS	NA	86507654
TOXICS	NONE	PASS	86507655
GALLON WEIGHT	POUNDS	8.6+/- 0.3	86507658
NON-VOLATILES (WEIGHT)	PERCENT	40.00 +/- 2.0	86507659
STORAGE STABILITY	HOURS	PASS	86507660
RESISTIVITY	MEGOHMS	0.1 - 1.0	86507661
FINENESS OF GRIND	HEGMAN	6.0 MIN	86507665
VOC	LBS/GAL MAX	NA	86507669

Table 2 - Engineering Materials Approved Source List	
Supplier	Supplier Code
Sentry	XBBL 8677

TABLE 3			
Part Number	Unit of Measure	Container Size	Specification Name
94158	GA	BULK	NH LG BLACK STD 86559086

	NAME			PART NUMBER		
	STD NH LG BLACK GI			86559086		
ENGINEERING SPECIFICATION			REV. B	FRAME 2	OF 2	