

## Autophoretic Coating

### 1. SURFACE PREPARATION

Prior to the application of this product, the surface must be prepared or processed in such a manner that will establish an excellent adherence of the coating to the metal. The product must be tested

for adherence and the data must be maintained by the supplier to assure compliance with this process.

### 2. COLOR

Black

Table 1

| Test                                  | Autophoretic— 800 Series  |
|---------------------------------------|---------------------------|
| Resin Type                            | PVDC                      |
| Film Thickness (Mils)                 | 0.5–1.0                   |
| Pencil Hardness                       | 4–7 H                     |
| Gloss at 60°                          | 5–10                      |
| Zero-T-Bend                           | No Loss                   |
| Reverse Impact                        | 160 in/lbs (0.5–0.7 Mils) |
| Cross Hatch Adhesion                  | No Failures               |
| Humidity (1000 Hrs)                   | No Failures               |
| Water Immersion (240 Hrs)             | No Failure                |
| Detergent Resistance (2 Days/Ambient) | No Blistering 5H Pencil   |
| Salt Spray Scribed (3 mm)             | 600–1000 hrs              |
| Salt Spray No Scribe (<10% Rust)      | 2000 hrs                  |
| Cure Temperature                      | 220° F                    |
| Temperature Resistance                | 250° F                    |
| VOC                                   | Zero                      |

Table 2

| Part Number | Unit of Measure | Description           |
|-------------|-----------------|-----------------------|
| 86614293    | Piece           | AUTO COATING 86615362 |

### 3. DESIGNATION

| Item | Qty. | Part No. | Description           |
|------|------|----------|-----------------------|
| 1    | 0    | 86614293 | AUTO COATING 86615362 |

|           |         |     |         |         |                                                                                                                                                                                   |                           |         |
|-----------|---------|-----|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------|
|           |         |     |         |         | NAME                                                                                                                                                                              | STD AUTOPHRETIC COAT      |         |
|           |         |     |         |         |                                                                                                                                                                                   |                           |         |
|           |         |     |         |         |  <b>NEW HOLLAND</b>                                                                            | ENGINEERING SPECIFICATION |         |
| ALL       | D       | BJF | 120982  | 28MAR03 |                                                                                                                                                                                   |                           |         |
| ALL       | C       | BJF | 115335  | 20NOV00 |                                                                                                                                                                                   |                           |         |
| ALL       | B       | RE  | 114706  | 5/00    |                                                                                                                                                                                   |                           |         |
| FRAME NO. | REV     | BY  | ECN NO. | DATE    |                                                                                                                                                                                   |                           |         |
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| GES 5/00  | CHECKED |     |         |         |                                                                                                                                                                                   | PART NUMBER               |         |

**86615362**  
Documents  
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Table 3

| Engineering Approved Supplier Source |                      |
|--------------------------------------|----------------------|
| Supplier                             | Supplier Code Number |
| Henkel Surface Technologies          |                      |

|                                                                                                    |                      |           |            |         |             |  |
|----------------------------------------------------------------------------------------------------|----------------------|-----------|------------|---------|-------------|--|
| <br>NEW HOLLAND | NAME                 |           |            |         | PART NUMBER |  |
|                                                                                                    | STD AUTOPHRETIC COAT |           |            |         | 86615362    |  |
| ENGINEERING SPECIFICATION                                                                          |                      | REV.<br>D | FRAME<br>2 | OF<br>2 |             |  |