



TEST REPORT

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PRODUCT: HPA 1905
SUPPORT: EPDM FOAM
SUBSTRATE: GLASS
CERT NO.: 221209 - 1443



FORD ESF M11P5 - A
OEM Rev Date: Jun 07
Adhesion Requirements, Interior Applique
A - Initial

TEST PARAMETERS:

3 Requirements

3.1 For Initial Approval

SECTION: 3.1 Bond and Stripping Strength

3.1, Bond and Stripping Strength, Initial, Room Temp, Initial Separation

Specification

ASTM D903

Results

Status

8.9 N / Inch

12.69

Pass

3.1, Bond and Stripping Strength, Initial, Room Temp, Continuous

4.5 N / Inch

11.48

Pass

SECTION: 3.1 Bond and Stripping Strength

3.1, Bond and Stripping Strength, 72 hrs @ Room Temp, Initial Separation

Specification

ASTM D903

Results

Status

8.9 N / Inch

15.51

Pass

3.1, Bond and Stripping Strength, 72 hrs @ Room Temp, Continuous

4.5 N / Inch

14.11

Pass

SECTION: 3.1 Bond and Stripping Strength

3.2, Bond and Stripping Strength, Cycle Test, Initial Separation

Specification

ASTM D903

Results

Status

11.2 N / Inch

16.90

Pass

3.2, Bond and Stripping Strength, Cycle Test, Continuous

4.5 N / Inch

16.10

Pass

- 24 hrs @ 82° C
3 hrs @ RT
24 hrs @ -29° C
3 hrs @ RT
4 hrs @ 38° C / 95% RH
4 hrs @ 23° C / 95% RH
24 hrs @ 60°C Salt Spray

SECTION: 3.1 Bond and Stripping Strength

3.1, Bond and Stripping Strength, 72 hrs @ Room Temp

Specification

Results

Status

No Adhesion Loss or Lifting

No Lifting or Loss of Adhesion

Pass

SECTION: 3.1 Bond and Stripping Strength

3.1, Bond and Stripping Strength, Cycle Test

Specification

Results

Status

No Adhesion Loss or Lifting

No Lifting or Loss of Adhesion

Pass

SECTION: 3.3 Quality

3.3, Quality, Adhesive Quality

Specification

Results

Status

No Adhesive Cracking, Softening or Discoloration

No Degradation or Discoloring

Pass

CERTIFIED BY:

Signature of Jake Cowdrick
Jake Cowdrick, Automotive Application Specialist

ISSUE DATE:

1-1-24

Materials tested to OEM requirements @ 72°F +/- 2°F and 50% RH +/- 5%. Test uncertainty and minor exclusions are available online or upon request.

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Status opinion based upon measurements obtained by personnel with appropriate training and professional experience.

This laboratory is not accredited for the calibrations or tests marked \*.