



TEST REPORT



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PRODUCT: **FBR 8950**
SUPPORT: **EPDM FOAM**
SUBSTRATE: **PC ABS**
CERT NO.: **221215 - 1455**

GMW 16443-TYPE II-EXTERIOR-CYCLE C

OEM Rev Date: May 15

Adhesion Performance Requirements For Adhesive Backed Light Trim and Foam

Type II - An adhesive backed foam composite that is retained by the adhesive for the life of the vehicle.

Code 3 - Positions where vehicle is not exposed to direct sunlight

Passing Type II Exceeds 3.5.1 Type I Exposure Requirements

TAPE REQUIREMENTS:

3.5.2 Type II Exposure

SECTION 3.3 Edge Adhesion

3.5.3, Initial, As Received

3.5.4, Heat Aged, ISO 188 07, 168 hrs @ 80°C

3.5.5, Humidity, GMW 14729 10 Option A, 168 hrs @ 38°C / 100% RH

3.5.6, Cycle Exposure, GMW 14124 12, 2x Cycle C

17 hrs @ -30°C

72 hrs @ 70°C

24 hrs @ 40°C / 95% RH

7 hrs @ -30°C

17 hrs @ 40°C / 95% RH

7 hrs @ 70°C

24 hrs @ 40°C / 95% RH

3.5.7, Accelerated Weathering Resistance, GMW 14162, Cycle C, 115°C

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

SECTION 3.4 Peel Adhesion

ISO 8510-2 06

3.5.3, Initial, As Received, 3 Reps, 300 mm/min

3.5.4, Heat Aged, ISO 188 07, 168 hrs @ 80°C

3.5.5, Humidity, GMW 14729 10 Option A, 168 hrs @ 38°C / 100% RH

3.5.6, Cycle Exposure, GMW 14124 12, 2x Cycle C

17 hrs @ -30°C

72 hrs @ 70°C

24 hrs @ 40°C / 95% RH

7 hrs @ -30°C

17 hrs @ 40°C / 95% RH

7 hrs @ 70°C

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

SECTION 3.5.8 Cold Shock

3.5.8, Cold Shock, 72 hrs @ 54°C, 4 hrs @ -30°C

SECTION: 3.7 Release Liner

3.7.2, Liner Removal @ RT

Specification

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Securely Bonded

Specification

525 N / m

525 N / m

525 N / m

525 N / m

525 N / m

Specification

No Separation from 2 Impacts

Specification

< 65 N / m

Results

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Stable, No Lifting or Removal

Not Tested

Stable, No Lifting or Removal

Results

810.3

1167.5

839.4

982.5

553.4

Results

No Impact Separation

Results

23.4

Status

Pass

Pass

Pass

Pass

Not Tested

Pass

Status

Pass

Pass

Pass

Pass

Pass

Status

Pass

Status

Pass

CERTIFIED BY:

Dave Nichols Jr, Automotive Lab Technician

ISSUE DATE: 1-1-25

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 *.