



# Product Evaluation Report

**PER-05003**

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*Progressive Engineering Inc.*

**Initial Listing**  
August, 1998

**Re-Approved**  
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**Listed Product**

**Miracle Foamseal F6400LVR One-Part Polyurethane Structural Adhesive**

**Listed For**

**ITW TACC Polyurethane Center**

56 Air Station Park  
Rockland, ME 02370

**Approved Manufacturer**

**ITW TACC Polyurethane Center**

56 Air Station Park  
Rockland, ME 02370

*Progressive Engineering Inc.* is an accredited Testing Laboratory and Third Party Quality Control Agency. This **Product Evaluation Report** represents a product that Pei has a follow-up service agreement with. This **Product Evaluation Report** in no way implies warranty for this product or relieves [ITW TACC Polyurethane Center](#) of their liabilities for this product. Pei is accredited to ISO Standard 17020 and 17025. This **PER** is an official document if it is within one year of the initial or renewal date.

**Listing Details**

F6400LVR Adhesive is a structural adhesive used to bond wood, gypsum board and plywood by applying adhesive beads between these materials and using mechanical fasteners.

**Product Description**

F6400LVR is a One-Part, moisture cure polyurethane adhesive meant to be used in an indoor manufacturing facility. F6400LVR is not to be applied in an outdoor uncontrolled environment.

**General Product Use**

1. F6400LVR is to be applied in temperature conditions between 60°F. to 90°F. and should remain in those conditions for a minimum of 24 hours.
2. All substrate surfaces should also be between 60°F. And 90°F.
3. Proper storage temperature of F6400LVR should be 60°F. to 110°F.
4. All surfaces must be free from grease, oil, mold release agents, gypsum dust and all loose particles.
- 5 F6400LVR is applied using 1/16" to 1/8" wide continuous beads by using a squeeze bottle or pressurized dispensing equipment.
6. The maximum open time for F6400LVR is 15 minutes.
7. Construction of assemblies using F6400LVR and their design values should be as described in the following test reports.

**Tested to**

California CA 25-4	ASTM C 557	AFG01
<i>Pei</i> 93-7 Standard	ASTM D 3498	
ASTM E 72	ASTM D 6464	

**Product Documentation**

A MSDS sheet dated 12/02/2009

F6400LVR Guidelines for Use, Application, safe handling dated May 2009

A Quality Control Procedure Dated 12/03/09

Letters dated September 29, 1998 and August 15, 2003

A follow-up Listing & Inspection agreement between *Progressive Engineering Inc.* and **ITW TACC Polyurethane Center**

The following is a list of the PEI test reports for F6400LVR adhesive.

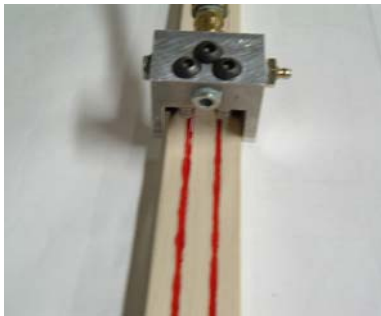
The following is a list of test reports for F-6400LVR Adhesive.

<u>Wall Racking Tests</u>			<u>ASTM C557</u>
1997-1388A	1997-2080C	1998-2744C	2000-1240
1997-1388B	1997-2080D	2003-0677	
1997-1388C	1997-2080E	2003-0949A	<u>AFG-01</u>
1997-1388D	1997-2080F	2003-0949B	2000-1416
1997-1388E	1998-1898	2003-0949C	
1997-1610	1998-2308A	2003-0949D	<u>ASTM D3498</u>
1997-1636	1998-2308B	2003-0949E	2000-1518
1997-1800	1998-2308C	2003-0949F	
1997-2080A	1998-2744A	2009-1322	<u>ASTM D6464</u>
1997-2080B	1998-2744B		2002-1692

**Product Labeling**

Each container shipped of F6400LVR that is covered by this Product Evaluation Report must have a label attached with at least the following information:

1. ITW TACC's name and address.
2. Date of manufacture
3. Shelf Life
4. This Product Evaluation Report number & Pei's logo



Single/Dual Bead Application Head



Typical F6400LVR Application



F6400LVR - 55 gallon Plastic Drum Container



F6400LVR - 275 gallon Tote Container Sealed Gravity Feed Supply Setup