

**Industrial Thermo Polymers**  
**Owned and Operated by Armacell Canada Inc.**

153 Van Kirk Drive  
Brampton, ON, Canada L7A 1A4  
TEL: (905) 846-3666 FAX: (905) 846-0363  
TOLL FREE: 1-800-387-3847  
www.tundrafoam.com

March 18, 2015

To Whom It May Concern:

**CERTIFICATION**

This is to certify that **Standard Closed Cell Backer Rod** and **Soft Type Backer Rod** as produced by Industrial Thermo Polymers, meets or exceed the requirements of ASTM D5249 Type 3.

This is also to certify that **Hot Rod XL** as produced by Industrial Thermo Polymers meets or exceeds the requirements of ASTM D5249 Type 1.

This is to certify that **Hot Rod XL** as produced by Industrial Thermo Polymers will meet or exceed the requirements of ASTM D5249 Type 2 if the rod is inserted into the bottom of the joint and additional rods are inserted until there is a required reservoir left to fill with sealant.

If there are any questions, please feel free to contact the undersigned.

Sincerely,



Linda Bailey, Ph.D  
Research and Development Manager