



# TERMOSET®

## technical data sheet · industry

**TERMOSET®** is a white, polybutene based, slightly hard, sticky, solvent and asbestos free mastic sealant with great adhesion. TERMOSET mastic is molded and applied easily, generating a variety of shapes and creating an excellent seal against water, moisture, gas and dust.

### Product Data

PROPERTIES	VALUE	TEST METHOD
<i>Basis</i>	<i>Butyl</i>	
<i>Appearance</i>	<i>Mastic</i>	
<i>Density</i>	<i>0.98 – 1.04 g/ml</i>	<i>ASTM-D-792-91</i>
<i>Penetration</i>	<i>80 – 110 mm</i>	<i>ASTM-D-5-97 and 0217-97</i>
<i>Application temperature</i>	<i>3°C to 40°C</i>	
<i>Service temperature</i>	<i>-5°C to 110°C</i>	
<i>U.V. Resistance</i>	<i>Good</i>	<i>ASTM-G-154</i>
<i>Ozone resistance</i>	<i>Good</i>	
<i>Moisture resistance</i>	<i>Excellent</i>	
<i>Solvent resistance</i>	<i>Poor</i>	

Information obtained from laboratory tests.

### Uses

Seal joints in refrigeration industry.  
 Seal joints in electric industry (in shafts, equipment, weather heads).  
 Seal metallic assemblies in silos, fans, gutters, etc.  
 Seal cavities and joint gaps.  
 Prevent leaks in polyurethane foam injection.

### Advantages

- Water, air and water vapor proof.
- Avoids galvanic corrosion by limiting metal contact.
- It adheres to all solid and dry type of material.
- Uniform consistence, hard particle and lump free.
- It does not dry off.
- Not toxic.
- Not flammable.
- Ductile, malleable and easy to use.
- Excellent performance at low temperatures.
- It hardens slightly.

### Application

Make sure all joint surfaces are dry, clean, and free from dust, grease, oil, water or old sealant. Clean using a no lint rag wet with a free from oil solvent such as isopropyl alcohol, right after cleaning wipe the surface using a second dry rag (it is not recommended to leave the solvent dry by itself). Do not use thinner or turpentine for they may contain oil. All loose particles must be removed before applying the sealant. Place the sealant manually on surfaces to seal, slightly pressing to ensure adherence. Sealant excess can be removed manually or with a spatula.



### Recommendations

**Productos Pennsylvania S.A. de C.V.** recommends testing under real application conditions to ensure the product's correct performance.

- Do not leave the product exposed, it is recommended for it to be confined.
- Use the adequate safety equipment such as gloves, safety glasses or any other required by your company.

### Maintenance

- It does not require any maintenance, however if the seal suffers any damage, clean the surface before applying and replace the damaged section with new sealant.

### Precautions

- Do not apply outdoors, or leave it exposed for it may harden. Do not use welding or fire once **TERMOSET®** has been applied.

### Limitations

- Avoid continuous contact with solvents, oils and concentrated acids.
- Do not use in joints exposed to the elements, for it will catch dust.
- It deteriorates when totally exposed.

### Presentation

### Packaging and Colors



### Coverage

According to application.

### Shelf life

12 months kept in a fresh and dry storage, in its original packaging at a 21°C (70°F) temperature and 50% of atmospheric moisture.

### Technical Support

**Productos Pennsylvania's** Technical Support is at your service, assisting you with:  
Guidance in how to apply this or any of our products.  
Blueprint reviews.  
Joint dimension calculus.  
Compatibility and adhesion testing of our sealants with different materials.

### NOTE:

**Productos Pennsylvania S.A de C.V.** provides technical assistance when required. Please contact our Technical Department regarding use and application of this product. It is the user's responsibility to test the product and its uses before application.

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