



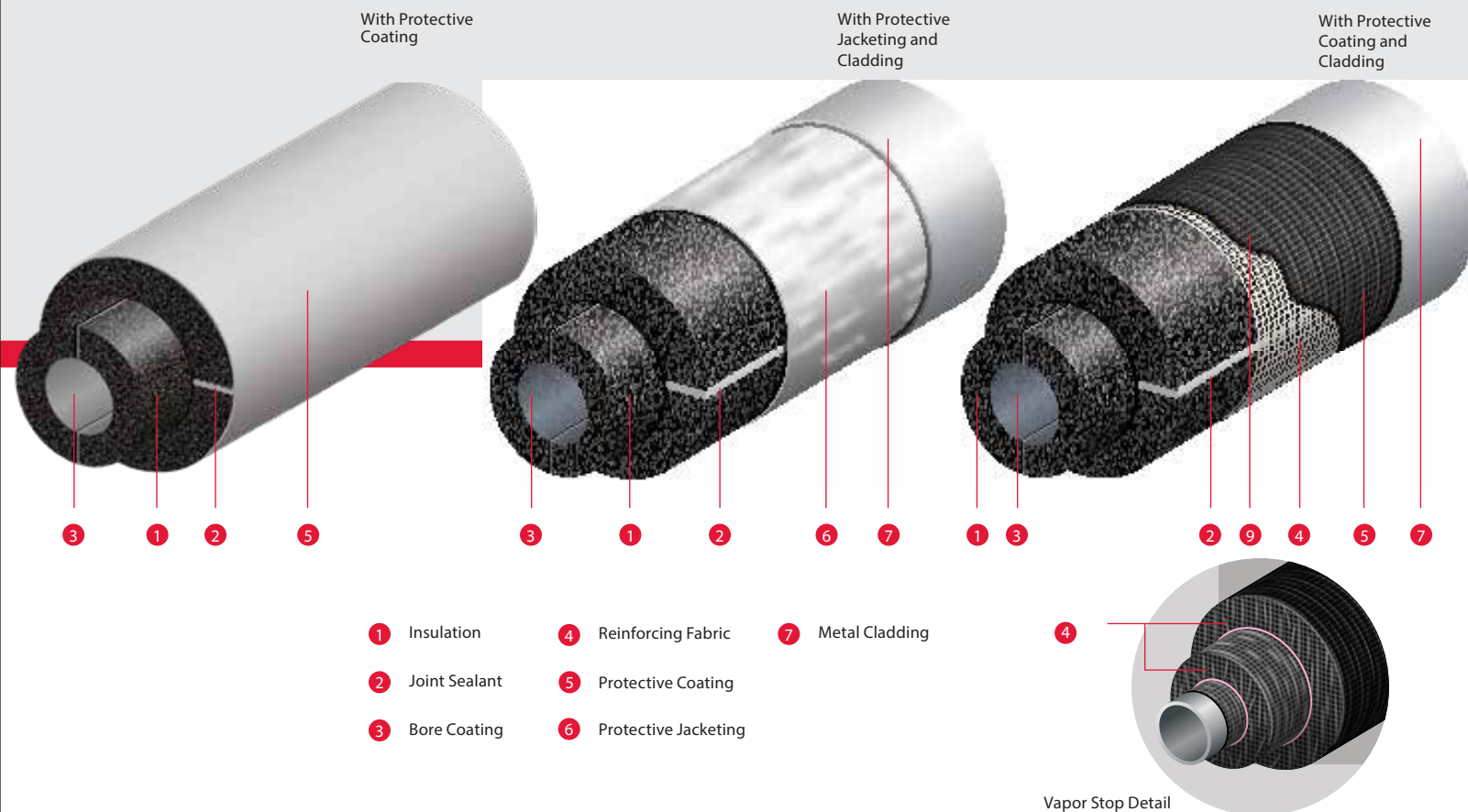
FOAMGLAS®

FOAMGLAS® INSULATION SYSTEMS ACCESSORIES

Pittsburgh Corning has been the leader in cellular glass insulation system technology for more than 75 years. Our FOAMGLAS® Insulation and accessory products provide a comprehensive system solution for most industrial and commercial insulation needs.

The importance of compatible accessory products such as adhesives, coatings, sealants, fabrics and jacketing should not be overlooked. Pittsburgh Corning's accessories are formulated, designed and tested to ensure optimum performance of your FOAMGLAS® insulation system. Without such consideration, the dependability and performance of your system could be at risk. Therefore, we recommend the system approach when specifying insulation and accessory products. This is the most effective way to ensure your insulation system performs now and in the future.

For additional information on FOAMGLAS® insulation, accessories or systems, please contact Pittsburgh Corning Europe at any of our worldwide offices or visit us at www.foamglas.com.

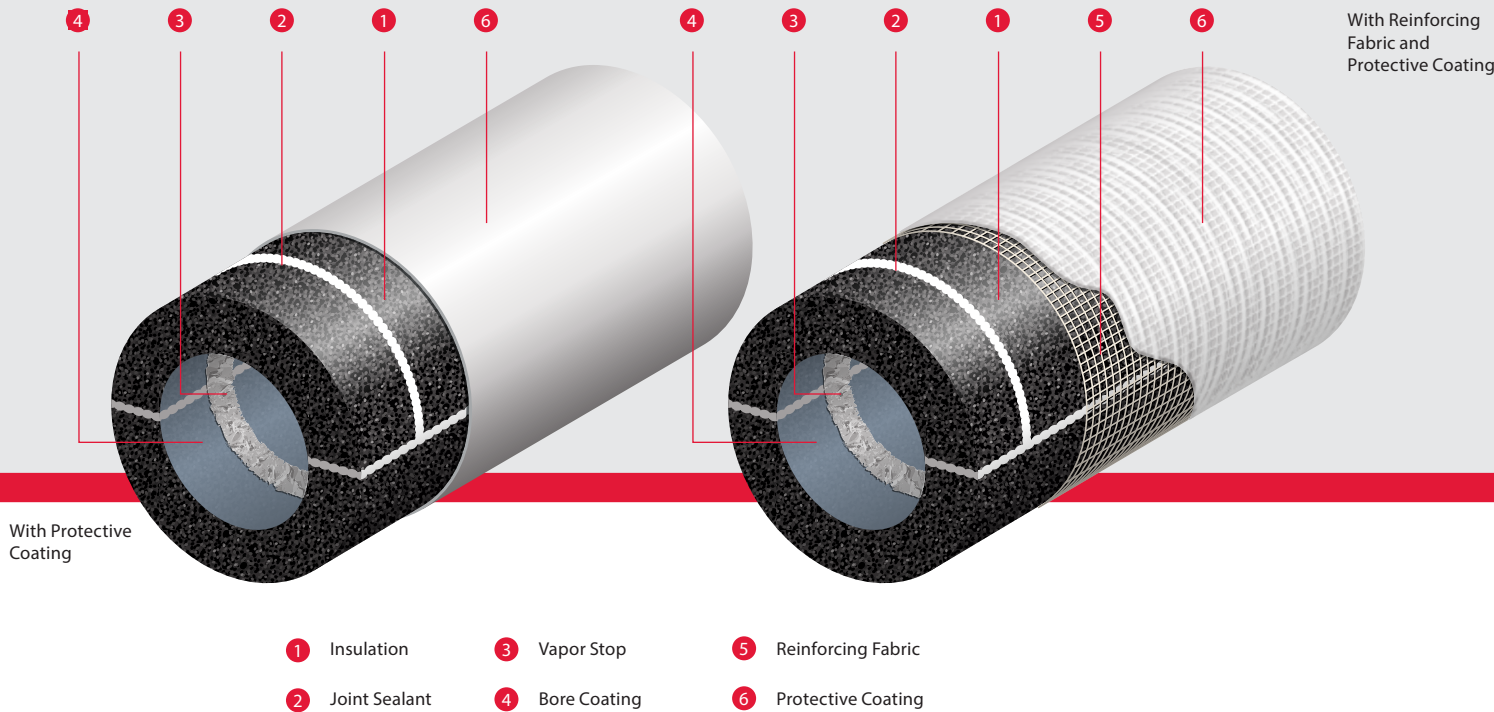


Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1	Insulation	FOAMGLAS [®] Insulation	-268 °C to 482 °C	
2	Joint Sealant Options	PITTSEAL [®] 444N Sealant	-50 °C to 80 °C	For joints, protrusions and laps
3	Bore Coating Options	HTAA	-268 °C to 482 °C	For use on LOX or LIN systems
		PC [®] 80M Mortar	-196 °C to 320 °C	
		LTAA	-175 °C to 200 °C	
4	Reinforcing Fabric Options	PC [®] Fabric 79	No limit listed	
		PC [®] 150 Mesh	No limit listed	
5	Protective Coating Options	TEROSTAT PC [®] FRi Finish	-50 °C to 120 °C	Must be sealed with same product to form monolithic coating
		PITTCOTE [®] 300 Finish	-40 °C to 93 °C	
6	Protective Jacketing	PITTWRAP [®] B100 Jacketing	-50 °C to 140 °C	Must be protected from UV exposure with metal or other jacketing
Other		Strapping Tape Metal Bands Metal Cladding		

¹Service temperature limits are derived from laboratory evaluation of the product. Variations in substrates, loading conditions, or other external factors may further limit service temperature. Always consult Owens Corning's FOAMGLAS[®] insulation guide specification for suitability for use recommendations for a specific application.

INDOOR CHILLED WATER PIPE SYSTEMS

For use with Reinforcing Fabric and Protective Coating or Protective Jacketing

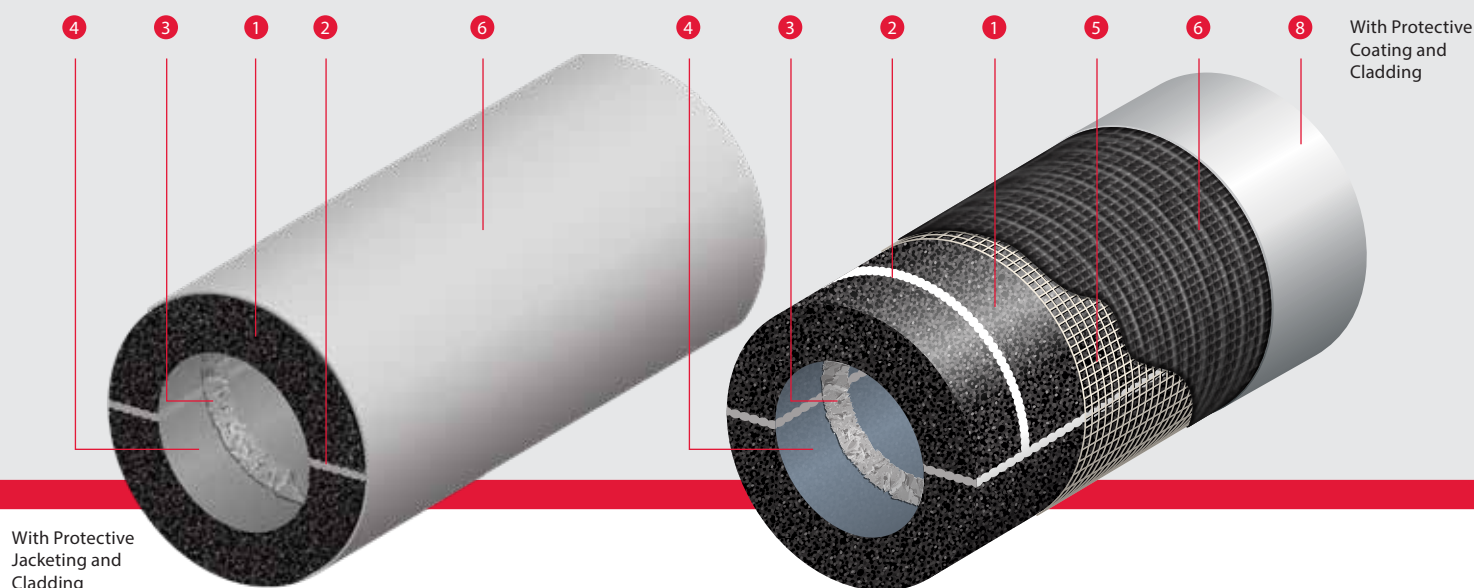


Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation	FOAMGLAS [®] Insulation	A lightweight, rigid, cellular glass insulation	-268 °C to 482 °C	
2 Joint Sealant Options	PITTSEAL [®] CW Sealant	MS polymer	-40 °C to 90 °C	VOC compliant For joints, protrusions and laps
	PITTSEAL [®] 444N Sealant	Butyl sealant	-50 °C to 80 °C	For joints, protrusions and laps
	TEROSTAT PC [®] FRI	Silicone sealant	-50 °C to 120 °C	To be used in conjunction with TEROSTAT PC [®] FRI coating
3 Vapor Stop Options	PITTSEAL [®] CW Sealant	MS polymer	-40 °C to 90 °C	VOC compliant
	PITTSEAL [®] 444N Sealant	Butyl sealant	-50 °C to 82 °C	For joints, protrusions and laps
4 Bore Coating	LTAA	A water-based product	-175 °C to 200 °C	
5 Reinforcing Fabric	PC [®] Fabric 150	Open mesh synthetic fabric	No limit listed	
6 Protective Coating Options	TEROSTAT PC [®] FRI	UV & Weather barrier coating	-50 °C to 120 °C	Must be sealed with same product to form monolithical coating
	PITTCOTE [®] 404 Coating	Weather barrier mastic/coating	-35 °C to 85 °C	
Other	Metal Cladding Foil Wrap Filament Tape Metal Bands			

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OUTDOOR CHILLED WATER PIPE SYSTEMS

For use with Reinforcing Fabric and Protective Coating or Protective Jacketing



- 1 Insulation
- 3 Vapor Stop
- 5 Reinforcing Fabric
- 2 Joint Sealant
- 4 Bore Coating
- 6 Protective Coating
- 8 Metal Cladding

Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation	FOAMGLAS [®] Insulation	A lightweight, rigid, cellular glass insulation	-268 °C to 482 °C	
2 Joint Sealant Options	PITTSEAL [®] CW Sealant	MS polymer	-40 °C to 90 °C	VOC compliant For joints, protrusions and laps
	PITTSEAL [®] 444N Sealant	Butyl sealant	-50 °C to 80 °C	For joints, protrusions and laps
	TEROSTAT PC [®] FRI	Silicone sealant	-50 °C to 120 °C	To be used in conjunction with TEROSTAT PC [®] FRI coating
3 Vapor Stop	PITTSEAL [®] CW Sealant	MS polymer	-40 °C to 90 °C	
	PITTSEAL [®] 444N Sealant	Butyl sealant	-50 °C to 82 °C	
4 Bore Coating	LTAA	A water-based product		
5 Reinforcing Fabric	PC [®] Fabric 79	Open mesh synthetic fabric	No limit listed	
6 Protective Coating Options	TEROSTAT PC [®] FRI	UV & Weather barrier coating	-50 °C to 120 °C	Must be sealed with same product to form monolithical coating
	PITTCOTE [®] 300 Coating	Vapor barrier mastic/coating	-40 °C to 93 °C	
Other	Metal Cladding Filament Tape Metal Bands			

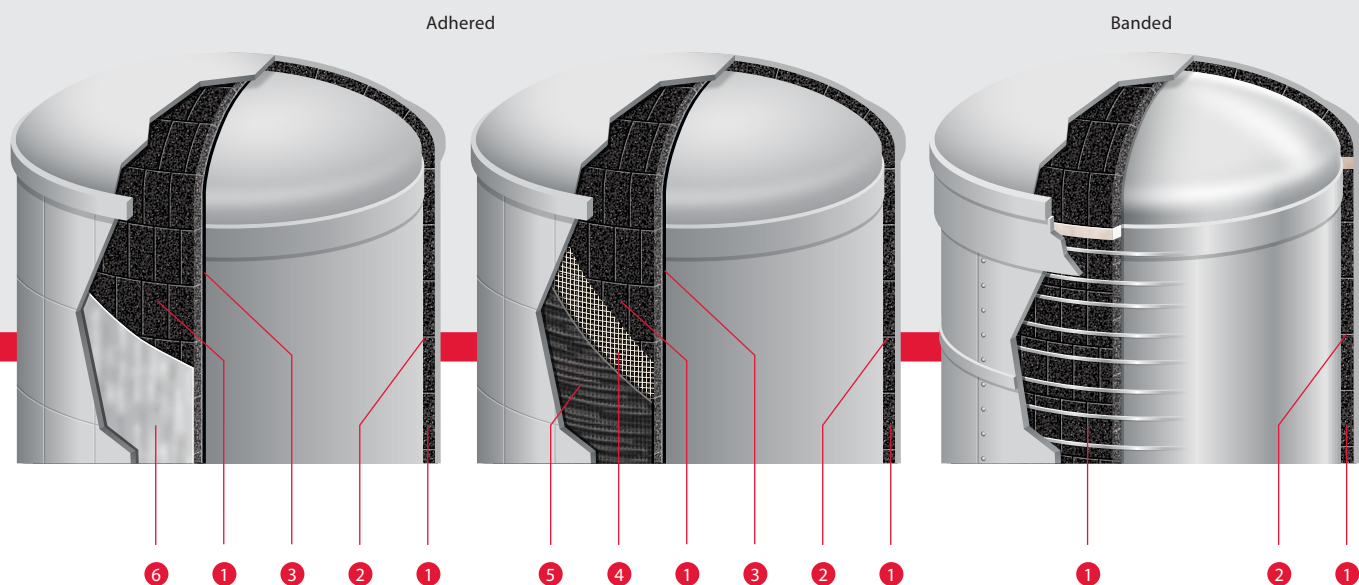
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ABOVE AMBIENT/HIGH TEMPERATURE PIPE SYSTEMS



Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation Options	FOAMGLAS [®] Insulation	A lightweight, rigid, cellular glass insulation	-268 °C to 482 °C	
2 Sealant Options	PC [®] Hi-Temp RTV Sealant	High Temperature Silicone Sealant	-150 °C to 260 °C	For joints, protrusions and laps
	PITTSEAL [®] 444N Sealant	Butyl sealant	-56 °C to 80 °C	For joints, protrusions and laps
	TEROSTAT PC [®] FRI	UV & Weather barrier coating	-50 °C to 120 °C	
3 Bore Coating	HTAA	A modified calcium sulphate product with inert mineral fillers	-268 °C to 482 °C	
	LTAA	A water-based product	-175 °C to 200 °C	
	PC [®] 80M, Mortar	Two component, inorganic noncombustible bore coating	-196 °C to 320 °C	Stainless Steel Compatible
4 Protective Coating Options	PC [®] 700K System	PC [®] 80M Mortar and PC [®] 150 Mesh		Possible on first or second layer
	TEROSTAT PC [®] FRI	UV & Weather barrier coating	-50 °C to 120 °C	
Other	Metal Cladding Filament Tape Stainless Steel Bands			

For use with Reinforcing Fabric and Protective Coating or Protective Jacketing

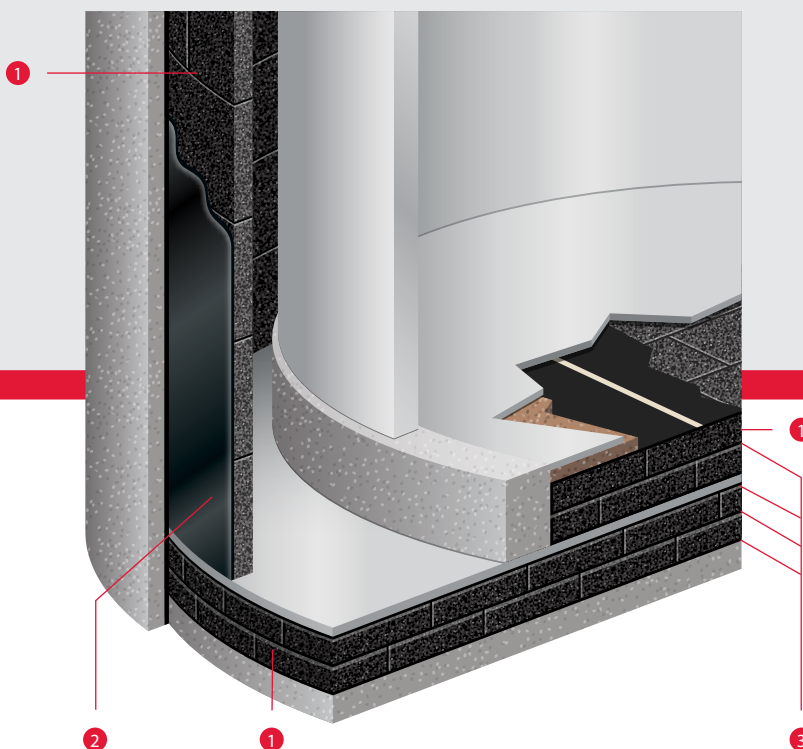


- 1 Insulation 3 Adhesive 5 Protective Coating
 2 Joint Sealant 4 Reinforcing Fabric 6 Protective Jacketing

Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation	FOAMGLAS [®] Insulation	A lightweight, rigid, cellular glass insulation	-268 °C to 482 °C	
2 Sealant Options	PITTSEAL [®] 444N Sealant	Butyl sealant	-56 °C to 80 °C	For joints, protrusions and laps
3 Adhesive Options	PC [®] 62 adhesive	Solvent-free two-component adhesive	-50 °C to 150 °C	
4 Reinforcing Fabric Options	PC [®] Fabric 79	Open mesh synthetic fabric	No limit listed	
	PC [®] 150 Mesh	Open mesh glass fabric	No limit listed	
5 Protective Coating Options	PITTCOTE [®] 300 Finish	Vapor barrier mastic/coating	-40 °C to 93 °C	
	PITTCOTE [®] 404 Coating	Weather barrier mastic/coating	-34 °C to 82 °C	
6 Protective Jacketing	PITTWRAF [®] B100 Jacketing	Self-sealing aluminum butyl laminate for above ground systems	-50 °C to 140 °C	Must be protected from UV exposure with metal or other jacketing
Other	Metal Jacket Metal Cladding Metal Bands Mineral Wool			

¹Service temperature limits are derived from laboratory evaluation of the product. Variations in substrates, loading conditions, or other external factors may further limit service temperature. Always consult Owens Corning's FOAMGLAS[®] insulation guide specification for suitability for use recommendations for a specific application.

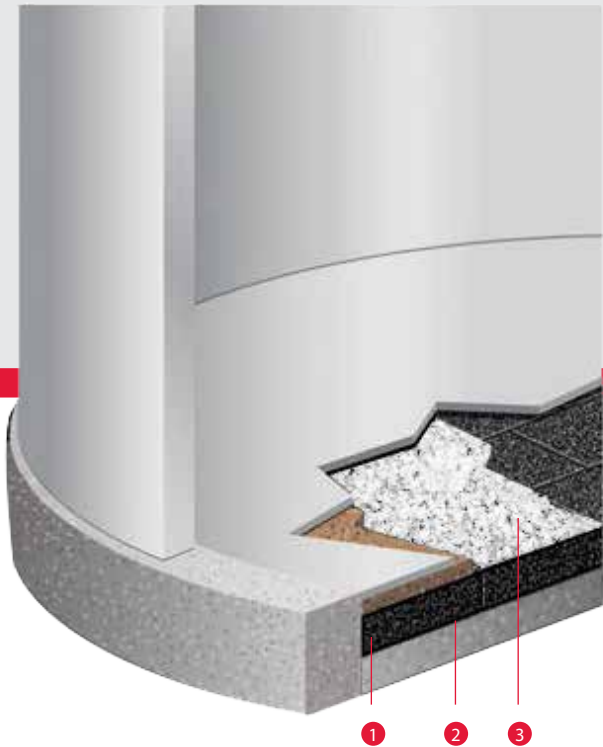
- 1 Insulation
- 2 Adhesive
- 3 Interleaving Layer



Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation	FOAMGLAS [®] Block Insulation	A high compressive strength and low thermal conductivity cellular glass block specially made for tank base construction and other industrial load bearing applications	Without Load -268 °C to 482 °C With Load -268 °C to 400 °C	Use FOAMGLAS [®] ONE [™] Insulation for sidewalls and FOAMGLAS [®] HLB Insulation for tank base
2 Adhesive	PC [®] 62	Solvent-free two-component adhesive	-50 °C to 150 °C	
3 Interleaving Layer	PITTCOURSE [™] 100 High Performance Damp Proof Course	A modified bitumen, nonmetallic sheet for use between layers of FOAMGLAS [®] Insulation tank base systems	-180 °C to 65 °C	For use between layers of FOAMGLAS [®] Insulation
Other	Asphalt Saturated Felt Asphalt Base Sheet Ceramic Paper, Sand Resilient Blanket, Perlite			

¹Service temperature limits are derived from laboratory evaluation of the product. Variations in substrates, loading conditions, or other external factors may further limit service temperature. Always consult Owens Corning's FOAMGLAS[®] insulation guide specification for suitability for use recommendations for a specific application. Organic materials are not recommended for service temperature below -183°C.

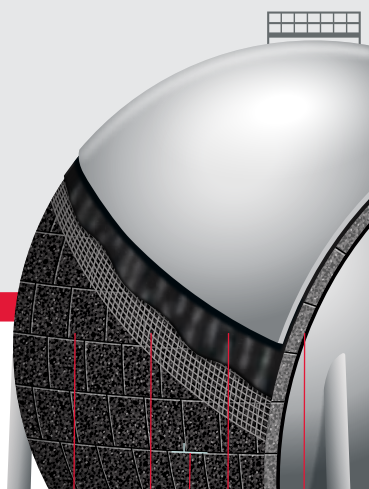
- 1 Insulation
- 2 Adhesive
- 3 Interleaving Layer



Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation	FOAMGLAS [®] Block Insulation	A high compressive strength and low thermal conductivity cellular glass block specially made for tank base construction and other industrial load bearing applications	Without Load -268 °C to 482 °C With Load -268 °C to 400 °C	Use FOAMGLAS [®] ONE [™] Insulation for sidewalls and FOAMGLAS [®] HLB Insulation for tank base
2 Adhesive	PC [®] 500	Thixotrop adhesive for specific load bearing applications	-30 °C to 80 °C	
3 Interleaving Layer	PC [®] 85	A mineral-based inorganic powder that has been formulated for filling open surface cells	-200 °C to 350 °C	
Other	Asphalt Saturated Felt Asphalt Base Sheet Ceramic Paper, Sand Resilient Blanket, Perlite			

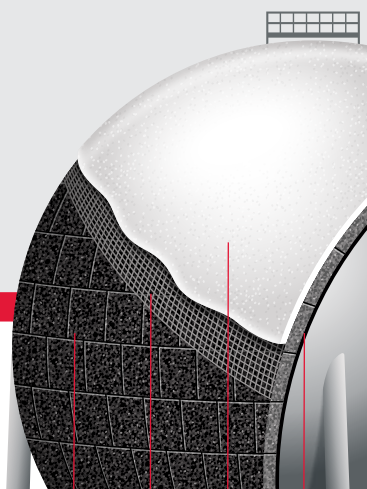
¹Service temperature limits are derived from laboratory evaluation of the product. Variations in substrates, loading conditions, or other external factors may further limit service temperature. Always consult Owens Corning's FOAMGLAS[®] insulation guide specification for suitability for use recommendations for a specific application. Organic materials are not recommended for service temperature below -183°C.

Protective Coating
Vapor Barrier Mastic with Cladding



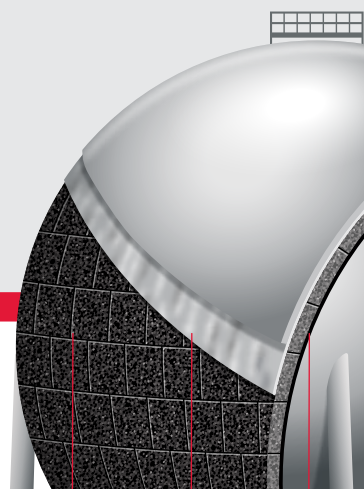
1 4 3 5 2

Protective Coating
Weather Barrier



1 4 5 2

Protective Jacketing
with Cladding



1 6 2

1 Insulation

2 Adhesive

3 Joint Sealant

4 Reinforcing Fabric

5 Protective Coating

6 Protective Jacketing

Item	Product Name	Product Description	Service Temperature ¹	Supplemental Information
1 Insulation	FOAMGLAS [®] Insulation	A lightweight, rigid, cellular glass insulation	-268 °C to 482 °C	
2 Adhesive Options	PC [®] 62 adhesive	Solvent free adhesive	-50 °C to 150 °C	
3 Sealant Options	PITTSEAL [®] 444N Sealant	Butyl Sealant	-56 °C to 80 °C	
4 Reinforcing Fabric Options	PC [®] Fabric 79	Open mesh synthetic fabric	No limit listed	
	PC [®] 150 Mesh	Open mesh glass fabric	No limit listed	
5 Protective Coating Options	PITTCOTE [®] 300 Finish	Vapor barrier mastic/coating	-40 °C to 93 °C	
	PITTCOTE [®] 404 Coating	Weather barrier mastic/coating	-35 °C to 85 °C	
6 Protective Jacketing	PITTWRAP [®] B100 Jacketing	Self-sealing aluminum butyl laminate	-50 °C to 140 °C	Must be protected from UV exposure with metal or other jacketing.
7 Other	Metal Bands Metal Cladding Elastomeric Sealant			

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DISCOVER OUR FULL LINE OF FOAMGLAS® INSULATION SYSTEMS ACCESSORIES



PITTCOTE® COATINGS

Our exterior coatings provide protection from weather, ultraviolet rays, and mechanical damage.

PC® ADHESIVES

Our adhesives are available for a wide range of FOAMGLAS® insulation applications on a variety of different

PITTSEAL® SEALANTS

When used at joints, laps, protrusions and vapor stops, these products control water vapor migration.

PITTWRAP® JACKETINGS

Our Jacketings protect FOAMGLAS® insulation systems from physical and mechanical damage and shields the insulation from the elements.

PITTCOURSE™ TANK BASE SYSTEMS

Our tank base accessory products are used in conjunction with FOAMGLAS® HLB Insulation on cold and cryogenic tank bases.



FOAMGLAS®

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