



## Seamless Flexible Protection for all Types of Thermal Insulation

In order to perform satisfactorily, insulation must be protected to prevent physical damage. It must also be sealed to prevent the ingress of oils and other flammable liquids and to prevent the absorption of moisture, which would lead to under lagging corrosion.

Because traditional cladding materials have many drawbacks such as poor resistance to mechanical impact, the requirement for specialist skills/tools and the need for additional adhesives, sealers, screws and rivets to provide mechanical strength and waterproofing, Belzona® has developed a better, proven solution - Belzona® 3211 (Lagseal).

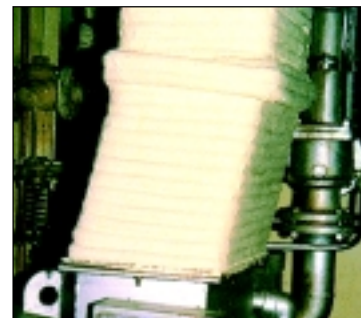
Belzona® 3211 (Lagseal) provides unrivalled versatility in sealing and protecting all types of thermal insulation. Easily applied with a brush, this two layer application is reinforced with a glass fiber sheeting.

Its micro-porosity allows applications to damp surfaces, keeping insulation dry and fully efficient. It is suitable for applications on:

- STEAM LINES
- EXHAUST DUCTING
- VALVES
- TANKS
- PIPEWORK
- BOILERS



STEAM LINES



EXHAUST DUCTING



VALVES



TANKS



PIPEWORK



BOILERS

## The Unconventional Alternative.

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BELZONA® 3000 SERIES POLYMERIC MEMBRANES

## Simplicity in Use

- Easily applied by brush or spray.
- Can be applied to damp surfaces.

## Safety in Use

- Belzona® 3211 (Lagseal) is water-based and therefore, it is safe to use; equipment is easily cleaned with water.

## Versatility in Application

- Suitable for application onto all NEW or EXISTING lagging on steam, condensate or chilled pipelines; also oil and fuel lines, etc.
- Simple to achieve complete SEAMLESS encapsulation at elbows, T-pieces or flanges.
- When applying to damp surfaces it allows moisture to evaporate; it then keeps insulation dry and fully efficient.

## Permanency in Service

- Will not support growth of bacteria or algae, providing a hygienic finish on canvas coverings, etc., in humid environments.
- Excellent oil and chemical resistance.
- Highly flexible nature reduces damage from impact to a minimum. Withstands movement due to temperature fluctuations and vibration within the system.
- Resists water, steam impingement, infra-red and ultra-violet radiation.

## Accessories

- Belzona® 9321 (Reinforcement Sheet)  
An open weave, bonded fiberglass mesh that adds durability and strength to Belzona® 3211 (Lagseal) applications. It also acts as a film thickness gauge.



AVAILABLE IN 16 KG. (4 GAL.) UNIT SIZE.



BS EN ISO 9002 - 1994  
Certificate No. Q/09335