

Technical data sheet

## AB Sealant

Air barrier coating



**AB Sealant** is an elastomeric styrene emulsion specially formulated to be applied by brush, roller or airless spray systems. **AB Sealant** is a cold applied single component product designed for a wide range of air barrier solutions. The product technology in **AB Sealant** provides a solvent-free, quick setting coating that yields a membrane with excellent strength, elasticity and adhesion. **AB Sealant** is fully UV-resistant.

**AB Sealant** is an environmentally friendly air barrier product that can be used indoors with no special protective equipment. **AB Sealant** is a protective coating that serves as an air barrier in many situations. **AB Sealant** adheres to many situations and can be used indoor.

**AB Sealant** can be used perfectly for sealing window frames, floor-wall connections, prefabricated element joints, pipes and outlets, cracks and joints etc.

### APPLICATION

**AB Sealant** is a cold-applied, water based environmentally friendly product. When cured, it will form a seamless flexible membrane. **AB Sealant** is a single component product that may be applied using a brush, roller or airless spray system.

**AB Sealant** should be applied to a dry surface which is free of dirt, dust, oil or grease. Application is not recommended if heavy rains are imminent. For best result apply in one or two coats. To bridge open gaps or joints, a **Liquid Rubber Geotextile** is recommended. Consult with your Liquid Rubber Europe representative for further details.

**AB Sealant** is applied at a minimum of 1,25kg per m<sup>2</sup> to produce a 1mm membrane. Typically, **AB Sealant** is dry to the touch in one hour and is completely cured within 24 hours. This curing time may vary depending on temperature and relative humidity.

### LIMITATIONS

When applying with an airless spray system, always use the standard hand/face protection. For further information please consult the product MSDS.

### CAUTION

Do not dilute with water  
Do not apply under 5 °C  
Do not freeze  
Do not apply in rain  
Clean hands or tools with LRE Wipes  
Stir well before use  
Slick surfaces need to be roughened for better adhesion

For industrial use only. Keep out of the reach of children. Do not store in direct sunlight or below 5 °C (41 °F).

### TECHNICAL SERVICE

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## PHYSICAL PROPERTIES (liquid)

### PROPERTY

Color  
Type  
Odour  
Specific Gravity  
Viscosity Brookfield CPS  
Nv. Weight  
Nv. Volume  
Shelf Life

### TYPICAL RESULT

White  
Flexible Styrene Emulsion  
None  
1.24  
38.000-41.000  
57-59%  
84-86%  
12 Months

## USAGE

### CURED MEMBRANE

mm	kg/m <sup>2</sup>
1	1.25

seal  
airtight

## PERFORMANCE (Cured membrane)

### PROPERTY

Color  
Texture  
Drying Time

### TYPICAL RESULT

White  
Smooth  
Surface – 1 Hour  
Hard – 4 Hours  
Recoating – 4 Hours

Adhesion to limestone  
Adhesion to PVC  
Adhesion to zinc  
Adhesion to aluminum  
Adhesion to concrete  
Adhesion to wood  
Specific Gravity  
Flash Point

1,5 n/mm<sup>2</sup>  
1,4 n/mm<sup>2</sup>  
1,3 n/mm<sup>2</sup>  
2,4 n/mm<sup>2</sup>  
3,7 n/mm<sup>2</sup>  
2,7 n/mm<sup>2</sup>  
1.24  
Non-Flammable

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