

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 m² 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 ²
0,8	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
1,5 n/mm²
1,4 n/mm²
1,3 n/mm²
2,4 n/mm²
3,7 n/mm²
2,7 n/mm²
1.24
Non-Flammable

Adhesion to limestone EN1542
Adhesion to PVC EN1542
Adhesion to zinc EN1542
Adhesion to aluminum EN1542
Adhesion to concrete EN1542
Adhesion to wood EN1542
Specific Gravity
Flash Point

This technical data furnished is obtained from controlled laboratory tests under ideal conditions. No guarantee of any performance characteristic is given or implied and we do not hold ourselves responsible for any consequential damage of whatsoever nature that may arise from use of our products. In the event of a proven product fault our liability will be limited to the replacement of the paint only. It is the user's responsibility to confirm the currency of product data sheet.