

## Ljungdahl MS2002



Ljungdahl MS2002 is a high quality and professional sealant based on MS-Polymer.

### Applications

Sealing of expansion and façade joints.  
Sealing around windows and doors, etc.  
Sealing at marble and other natural stone materials.  
Paintable sealant with water-based paint.

### Limitations

Limited adherence to surfaces of PE, PP, PTFE(Teflon), copper, varnish, EPDM, neoprene, butyl, bitumen, etc. It is recommended to always make an adhesion test before the application.  
Not recommended to aquariums or application where the sealant is constantly under water.  
A weak discoloring can occur if exposed to e.g. chemicals.

### Application, pre- and after treatment

The surfaces must be cleaned, dry and free from dust and grease. Clean the surfaces with Ljungdahl Cleaner. Porous and open surfaces should be applied Ljungdahl Primer 9002. Non-porous surfaces should be applied Ljungdahl Primer 9102. Tooling of the sealant is recommended with Ljungdahl Finisher. Always make a adhesion test before the start of larger sealing jobs.

Can be painted with water-based paints. We always recommend doing a test in advance.

Application temperature between +5 °C and 35 °C.

### Properties

- Good addeherence on most surfaces.
- Easy to use and with an excellent result. Suitable for all weather conditions.
- Paintable with water-based paints.
- Does not contain isocyanates, solvents, acids, or halogens.

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### Colors and packaging

Basic	1-component sealant based on MS-Polymer.
Packaging	12 x 600 ml sausages.
Colors (nearest RAL)	600 ml sausages: Concrete gray (7004), dark gray (7005), basalt gray (7024), light gray (7035), brown (8028), black (9011), white (9010) and sand yellow.
Shelf life	Min. 12 months after production date at storage temperatures between +5 °C and 25 °C in unopen packaging.

<b>CE</b>
NB 0074 19 DoP: LJ011031 Ljungdahl A/S
EN 15651-1 F - EXT-INT-CC: CLASS 25LM

## Properties continue

- Elastic after curing.
- Odorless.
- Can be applied to many surfaces without primer.
- conforms to the requirements to LEED. Low Emitting Materials: Adhesive and Sealants. SCAQMD rule 1168. Overholder USGBC LEED 2009 Credit 4.1: Low-Emitting Materials – Adhesives & Sealants concerning the VOC-content.
- conforms to EN 15651-1 and ISO 11600 F-25LM.

## Cleaning

- Application tools can be cleaned with Ljungdahl Cleaner.
- Hands can be cleaned with Ljungdahl Snaps @ and/or water and hand soap.

## Safety

Mal-kode (1993): 1-1

Not classified as Ikke klassificeret som hazard according to (EF) nr. 1272/2008.

Safety datasheet is available at Ljungdahl A/S.

## Technical data

Basic		MS Polymer	
Application temperature	°C	+5 til +35	
Density	g/ml	1,49	
Curing	mm/24 hr.	23°C/50% RH	ca. 2
Skin formation time	min	23°C/50% RH	ca. 20
Paintable after curing		Ja	
Minimum joint width	mm	6	
Maximum joint width	mm	30	
joint depth	mm	Bredde/6 + 5±2	
Maximum allowed distortion	%	±25	
Temperature resistance after curing	°C	-40 til +90	
<b>Mecanical properties at 2mm film</b>			
Shore A hardness		DIN 53505	30±5
100% modul	N/mm <sup>2</sup>	DIN 53504	ca. 0,65
Maximum tension	N/mm <sup>2</sup>	DIN 53504	ca. 1,30
Elongation break	%	DIN 53504	>500

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### Warranty and liability

Ljungdahl A/S guarantees that the product complies with the stated specifications when stored in accordance with the instructions. Instructions and recommendations are based on our experience and aim to give the best possible results. However, Ljungdahl A/S assumes no responsibility for the result of or the consequences of use, as the user's working conditions are beyond our control.



Ljungdahl A/S supplies a wide range of products for sealing solutions against wind and water in constructions.

Ljungdahl A/S · Hejrevang 22 · DK-3450 Allerød · Ph: +45 48 14 00 10 · Fax: +45 48 14 02 34 · Mail: [ljungdahl@ljungdahl.dk](mailto:ljungdahl@ljungdahl.dk)