

# Technical Data Sheet

## Adiseal adhesive sealant clear

### Product

Adiseal® adhesive sealant clear is a crystal-clear, high-quality, professional adhesive sealant for adhesion and sealing of connecting joints that is based on polymer technology and moisture-cures into a durable rubber that retains its elasticity.

### Applications

- Crystal-clear sealing, adhesion and installation on practically any surface/material.
- Seal connecting joints on many building components, especially transparent ones, such as glass, polycarbonate and acrylic.
- Adhesion and installation of many building components.

### Properties

- Crystal-clear, blends seamlessly with translucent/transparent components.
- Durable, retains elasticity, maximum movement capacity of 25%.
- Versatile and user-friendly: glue, install and seal almost anything, both indoors and out.
- Excellent adhesion without primer on many surfaces, even moist ones.
- Paintable with water-based and synthetic paint systems.
- Usable wet-on-wet, repair with the same material, short tack-free time after skin formation.
- Free of isocyanate, solvents and silicone.
- Very low emission: certified EMICODE EC1 PLUS.
- Good resistance to weather, water, moisture and ageing.
- Non-corrosive to metals.
- Odourless, bubble-free and non-shrink fast-curing polymer system.

## Technical product data

Base			MS-Polymer
Viscosity	mm	ISO 7390	<2
Density	g/ml		1.05
Skin formation time	min.	23°C/55% RH	10
Cures in 24 hours	mm	23°C/55% RH	+/-2
Contraction			None
Permissible deformation	%		25
Temperature resistance	°C		-40 / +100
Mechanical values		2mm film	
Shore A hardness		DIN 53505	45
Modulus at 100%	MPa	DIN 53504	1.15
Tensile strength	MPa	DIN 53504	2.40
Stretch at breaking point	%	DIN 53504	250

## Shelf life

In unopened original packaging, stored in a cool dry place between +5°C and +25°C, the product will last up to 15 months after the production date.

## Application conditions

- Application temperature (ambient and surface) between +5°C and +40°C.
- On stable, compatible, clean, uncontaminated, grease-free and dust-free surfaces.
- Use a suitable brush to remove any loose particles from the surface. Use a fine brush like a painting brush to remove fine dust.
- Degrease the surface properly before application.
- For adhesive applications, apply material vertically (ventilated) in beads spaced between a minimum of 10 cm and a maximum of 20 cm apart. Do not apply in dabs! It is recommended to use temporary supports to support adhesion during the curing process and to achieve the correct adhesive thickness.
- Adiseal® adhesive sealant requires moisture to cure. This is normally obtained from moisture in the air. If using between 2 non-porous materials, it is recommended to spray a little bit of water to a surface to help with the curing process.

## Paintability

After skin formation, Adiseal® adhesive sealant is superbly paintable with emulsion paints. However, synthetic paints may dry slowly. If it will be painted (not necessary), for best results, we recommend lightly sanding the Adiseal® adhesive sealant and adjacent parts with a Scotch-Brite® pad, then thorough degreasing and painting immediately after this.

## Cleaning

Remove fresh/uncured material from surfaces and tools using a thick cloth. Clean hands/skin with wet hand wipes. Cured material must be removed mechanically.

## Limitations & recommendations

Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene or bituminous surfaces.

Discolouration may occur under certain conditions, such as due to direct contact with chemicals, release of plasticiser from the surface and/or application in dark rooms/spaces. Ensure adequate humidity in the immediate environment. We recommend testing the adhesion and the material and paint compatibility in advance.

While Adiseal cures effectively underwater, it is not designed for permanent, continuous submersion where the adhesive/sealant is the primary exposed barrier. For long-term submerged applications like swimming pool tiles, ensure a secondary barrier (such as grout) prevents direct, constant water contact with the cured bond.

## Health & safety

Avoid long-term contact with skin. If uncured material gets in your eyes, rinse out with plenty of water and consult a physician.

*The product safety data sheet is available at <https://adiseal.com>*

## Warranty & liability

Adiseal Ltd guarantees that its product will meet the specifications during its shelf life. Liability shall never exceed that stipulated in our terms and conditions of sale and supply. Under no circumstances shall the seller be held liable for any consequential damages. The information provided is the result of our testing and experience and is general in nature. However, it does not entail any liability. Users are responsible for performing their own tests to determine whether the product is suitable for the application.

## Certifications

EN 15651-1: F-INT  
VOC emission class A+  
EMICODE EC1 PLUS  
ISEGA

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