

Adiseal Hi-Grab

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Description

Adiseal Hi-Grab is a high quality, professional, and strong adhesive with high grab properties based on MSP/Hybrid technology. After application the sealant cures with atmospheric moisture to form a durable adhesive.

Application

- Specially for bonding and mounting of almost all and especially heavy building materials and building components on practically all surfaces, which require an immediately grab, without the use of clamps, molds or fixing tape in the construction, industrial, automotive and marine.
- Structural bonding in vibrating and trembling constructions.
- Ideal for safe bonding and mounting of mirrors.
- Universal mounting and construction adhesive for profiles, panels and sheets in the facade-, wood- and metal construction.
- Excellent for bonding and assembly of natural stone and concrete in many constructions.
- Perfect for bonding and mounting of various fixtures, such as installation and assembly work.

Properties

- Extreme high initial grab.
- High strength, mechanical resistant and E-modulus.
- Durable elastic, quick curing through adhesive.
- Non corrosive to metals.
- Neutral curing, almost odourless and non-bubbling.
- Good UV- and weather resistance.
- Very good adhesion on several substrates even damp surfaces without the use of primer, adhesion test is recommended.
- Free of isocyanates, phthalate, solvents and silicone.
- No fouling on natural stone.
- Absorb acoustical and mechanical vibrations.
- Sandable and grindable after complete curing through.
- In conformity with ISO 11.600 F25HM

Colours and packaging

290ml cartridge white
Other colours and/or packaging on request.

Technical Data

Base			MSP
Slump	mm	ISO 7390	<2
Density	g/ml		1,58
Skin formation / open time	min.	23°C/55%RV	10
Curing through (24 hours)	mm	23°C/55%RV	3
Shrinkage			nil
Max. movement capacity	%		25
Temperature resistance after curing	°C		-40 / +100
<i>Mechanical properties</i>		<i>2mm film</i>	
Shore-A hardness		DIN 53505	65
Modulus 100%	MPa	DIN 53504	1,65
Tensile strength	MPa	DIN 53504	2,90
Shear strength	MPa	ISO 4587	2,70
Elongation at break	%	DIN 53504	250

Shelf life

In good closed original packing, stored on a cool and dry place, between +5° C and +25° C; till 12 months after production date.

Frost resistant till -15°C during transport

Application conditions

Application temperature +5°C till +40°C.

Due to viscosity of the product we recommend the use of a suitable quality applicator along with the V-nozzle.

Surfaces must be dry, clean and solid. Clean surfaces with Adisolve Cleaner.

In general, Adiseal Hi-Grab adheres perfectly without the use of a primer to various substrates. Porous surfaces if necessary to be pre-treated with a primer.

Adhesion tests prior to the application are recommended.

Paintability

Adiseal Hi-Grab is perfectly paintable with water based paints. We recommend an adhesion and compatibility first. When Adiseal Hi-Grab will be painted over (not necessary) we recommend to sand the sealant and junction surfaces by means of Scotch-Brite. For an optimal result we recommend to paint within a few days after application.

Limitations

Not suitable for continuous under water applications.

Among others not recommended for PE, PP, Teflon, wax, neoprene and bitumen surfaces, always carry out an adhesion test on the substrate before application.

Not suitable as joint sealant.

Slight discoloration (lighter colours) can occur in certain circumstances.

Safety

Avoid prolonged contact with skin. In the event non-cured material gets into the eyes, flush with water and consult a doctor.

Material Safety Data Sheet available on request.

Warranty

Adiseal Ltd warrants that its product complies, within its shelf life, to its specification.

The liability shall in no case exceed the amount fixed in our Conditions of Sale. In no event seller is liable for any incidental or consequential damage.

Liability

All supplied information is the result of our test and experience and is of general nature. However, they do not imply any liability.

It is the responsibility of the user to verify by his own tests if the product is suitable for the application.

In conformity with:

ISO 11.600 F25HM