

Adiseal Adhesive Sealant Colours

23/02/16

Description

Adiseal is a high quality, professional and universal sealant and adhesive based on MSP/Hybrid Kaneka technology. After application the sealant cures with atmospheric moisture to form a durable rubber seal.

Application

- Universal sealant for all connection joints, cracks, roughness in building- and industry constructions on almost all substrates.
- Universal adhesive for the metal, synthetic, concrete, wood and carpenter industry such as: car, caravan, camper, trailer, marine, machinery, ventilation, steel, façade, glass, window-frame, furniture, interior, stand, unit, sandwich panels, road and bridge construction etc.
- Sealing single- and double glazing systems, especially burglary safe glass.
- Universal adhesive and sealant in combination with natural stone.
- Universal, durable mirror adhesive.
- Sealing and bonding in food area.
- Universal sealant for sanitary and wet cells.
- Universal sealant and adhesive for maintenance, renovation, leakage, repair, construction, isolation, installation and assembly applications.

Properties

- Durable, permanent elastic.
- Universal bonding-, sealing- and assembling sealant, inside and outside for building- and industry constructions.
- Paintable with water based paints, alkyd resin paint can cause curing inhibition of the paint. Test in advance.
- No fouling on natural stone.
- Fast curing. Wet in wet applicable.
- Free of isocyanates, phthalate, solvents and silicone. Shrinkage nil.
- Resistant to UV radiation, weather, water, moist and mould.
- Very good adhesion on several substrates even damp surfaces without the use of primer, adhesion test is recommended.
- Neutral curing, almost odourless.
- Non corrosive to metals.
- High mechanical resistant, strength and E-modulus.
- Absorb acoustical and mechanical vibrations.
- Non bubbling, sandable and grindable after complete curing through.

Colours and packaging

290ml cartridges white, grey, black & brown.

Other colours and/or packaging on request.

Technical Data

Base			MSP
Slump	mm	ISO 7390	<2
Density	g/ml		1,53
Skin formation / open time	min.	23°C/55%RV	10
Curing through (24 hours)	mm	23°C/55%RV	2-3
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	60
Modulus 100%	MPa	DIN 53504	1,35
Tensile strength	MPa	DIN 53504	2,20
Elongation at break	%	DIN 53504	300

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

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

In general, Adiseal adheres perfectly without the use of a primer to various substrates, like glass, glazed surfaces, enamel, anodised aluminium, painted wood and several plastics. Porous surfaces if necessary to be pre-treated with a primer.

Adhesion tests prior to the application are recommended.

Use Adisolve to smooth the joint.

Paintability

Adiseal is perfectly paintable with water based paints. We recommend an adhesion and compatibility first. When Adiseal 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 for applications in direct contact with the sealing of isolation glass or in direct contact with PVB foil of coat glass.

Not suitable for vertical movement joints.

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