FENOPLAST®
Fügetechnik GmbH

Technical Data Sheet

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FENOBRID Multikraft Extrem

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Description
FENOBRID Multikraft Extrem is a high quality, professional, and strong adhesive with high grab properties based on special Polymer technology. After application the product cures with atmospheric moisture to form a durable rubber adhesive.

Properties
- Extreme high initial grab, to bond heavy building materials without the use of clamps and/or tape.
- High strength, mechanical resistant and E-modulus.
- Durable elastic, quick curing through super adhesive.
- Universal bonding sealant, for inside and outside use in building- and industry constructions.
- No fouling on natural stone.
- Fast curing.
- Free of isocyanates, phtalat, solvents and silicone. Shrinkage nil.
- Resistant to weather, water, and moist.
- 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.

Application
- Universal adhesive for bonding various building materials such as: (natural) stone, concrete, mirrors, glass, plasterboard, polycarbonate, PS, PU, PVC, polyester, plastics, email, ceramic, copper, lead, zinc, aluminium, metals, R.V.S., wood etc.
- Metal construction adhesive for car body-, marine-, transport-, steel-, ventilation industry.
- Universal adhesive and sealant in combination with natural stone.
- Universal, durable mirror adhesive.

Colours and packaging

Colour	White
Packaging*	PE cartridges of 310 ml, 12 cartridges per box.

Technical data

Slump	mm	ISO 7390	<2
Density	g/ml		1,55
Skin forming time	min	23°C/55%RH	5 - 15
Max Movement allowed	%	ISO 9040	25
Temperature resistance after curing	°C		-40 till + 90
Shrinkage			nil
Curing through (24 hours)	mm	23°C/55%RH	3
Mechanical properties 2mm film			
Hardness, Shore A		DIN 53505	55
Modulus, 100%	MPa	DIN 53504	1,39
Tensile strength	MPa	DIN 53504	2,2
Elongation at break	%	DIN 53504	335

Shelflife
In good closed original packing, stored on a cool and dry place, between +5° C and +25° C; till 9 months after production date.

Cleaning

Material	Directly after use with FENOSOL Cleaner.
Hands	With hand cleaner and/or water and soap.

Application conditions
Application temperature +5°C till +40°C
Surfaces must be dry, clean and solid. Clean surfaces with FENOSOL Cleaner. In general FENOBRID Multikraft Extrem adheres perfectly without the use of a primer to various substrates, like glass, glazed surfaces, enamel, anodised aluminium, painted wood and several plastics.

Limitations
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.

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
FENOPLAST 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 FENOPLAST 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.