



HYBRIDFLEX

Hybridflex is Hybrid MS based, one component, UV resistant, solvent and isocyanate free, elastomeric joint fill mastic used for both adhesion and filling purposes.

FEATURES

- Excellent adhesion to all kinds of surfaces.
- Environmentally friendly; free of solvents and isocyanates.
- Excellent resistance to UV and environmental conditions.
- The product is cured via moist in the air. The material is odorless.
- Should be use 5 mm - 35 mm thickness.
- Does not present settlement, sagging, shrinking.
- Stress transfers as a result of its permanent elasticity
- Used for filling and bonding purposes at pipe installations.
- Used at automotive sector, coaches, boat manufacturing.
- Paintable.
- Used at thick joints remaining on subbasement level of old and new buildings.
- Have vibration and noise reduction character.
- Provides excellent adhesion to aluminum, steel plate, metal, brass, glass, wood, hard plastic and concrete surfaces.
- The material is not sticky and does not collect dust.
- Have long term resistance against water, sea water, limewater, diluted acids and water based cleaning agents.

TECHNICAL DATA

Density	1,48 ± 0.05
Water and salt spray resistance	Excellent
UV resistance	Excellent
Application temperature: (ISO 7390)	+5 °C 'up to + 35 °C
Hardness Shore A	45
Modulus of rupture	0,60 Mpa (type 40)
Elongation at break	600%
Elastic recovery	> 90%
Service temperature	-2 °C up to +75 °C

BEFORE APLICATION

Surface should be cleaned from any dirt which may prevent adhesion. Temperature of the application surface should be between 5 °C and 40 °C.

If surface is coated with primer, it should be removed (cleaned) via appropriate solvent. Hybridflex provides excellent adhesion to all structural elements without primer. However, some surfaces such as different types of bricks, natural stones, plastics, paints, primary materials may resist against adhesion.

Muzzle loaded aluminum mastic gun should be used for boudin. During application of Hybridflex as lling agent, it is necessary to prevent contact of material. In orderto obtain this, it is necessary to place a closed cell polyethylene joint. must be sprayed in contact with the edge. The point of application cartridge is directed within the mastic and applied with a constant speed. Thus, it is necessary to prevent air to enter the structure. It is necessary to apply the material in layers.





DRYLEX
New Generation Solutions

HYBRIDFLEX

TECHNICAL DATA SHEET

Hybridflex for adhesion (bonding) application, it is necessary to apply the product. Parts are adhered to each other by applying pressure. It is necessary to perform surface smoothing. et material can be cleaned with alcohol, spirit or similar solvent. After material dries, it is possible to clean only via mechanical methods.

Hybridflex can be painted. Suitability of paint should be tried beforehand. It should be considered an alcohol or alkyd resin. Thickness and hardness of used paint shall decrease elasticity of material and cause paint layer to crack.

After the application, it is necessary to smooth the surface with a suitable tool. Carefully performing this smoothing shall facilitate popping of air bubbles. It is necessary to use masking band if corners of application joint is desired to be sharp and smooth. It is necessary to remove the masking band.

PACKING

310 MI cartridge

600 MI sousage

COLORS

White, Black, Gray, Beige, Brown, Cream

SHELF LIFE

It can be stored for 24 months in its original package in a dry and cool environment between + 5 °C and + 25 °C.

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by agel chemicals

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