



TECHNICAL DATA SHEET

FORMOA 360

TECHNICAL CHARACTERISTICS

Base	MS Polymer®
Consistency	Stable Paste
Curing System	Moisture Cure
Skin Formation (*)	15 - 20 min (23°C/ 50% RH)
Curing Rate (*)	Approx 2-3mm/24H
Hardness	55 ± 5 Shore A
Change in volume	<4%
Specific Gravity	1.53 g/ml
Maximum Deformation	±20%
Temperature Resistance (fully cured)	-40°C until +90°C
Tear Strength	2.5N/mm²(DIN 53504)
Elongation at Break	>400%
Shear Strength	>2.0N/mm² (ASTM D-1002)

(*) These values may vary depending on environmental factors such as: temperature, moisture and type of substrates.

PRODUCT

Formoa 360 is a high quality, very high performance single component adhesive/sealant based on MS Polymer®.

Formoa 360 was specifically developed to give fast strength build up and high lap shear strength, as well as very high specific adhesion to a broad range of substrates – particularly plastics and composites.



CHARACTERISTICS

- Primerless adhesion
- Very high specific adhesion to a broad range of substrates
- Easy to extrude and tool up
- High initial tack and fast strength build up
- Silicone, solvent and isocyanate free
- No bubble formation within sealant (in high temperature and humidity applications)
- Excellent long term durability
- No odour
- No staining of porous materials
- Good temperature and chemical resistance
- High UV resistance

APPLICATIONS

- Bonding and sealing in truck body construction
- Bonding and sealing in mass transportation vehicle construction
- Bonding and sealing in construction, composite and metal fabrication applications

PACKAGING

Colour: White, Black, Grey, other colours on request
Packaging: Cartridge 290ml, Foil Pack 600ml, Hobbock 20L and Drums 200L on request

SHELF LIFE

12 months in unopened packaging in a cool and dry storage place at temperatures between +5°C and +25°C.

RESISTANCE TO CHEMICAL AGENTS

Good resistance to water, aliphatic solvents, mineral oils, grease, diluted inorganic acids and alkalis.

Poor resistance to aromatic solvents, concentrated acids, chlorinated hydrocarbons.

AEROK®

PYROK®

FORMOA®

FORBOND®

PUROK™



SUBSTRATES

Nature: Clean, dry, free of dust and grease
Priming: Formoa Surface Activator (on non-porous Substrates)

We recommend preliminary compatibility tests previous to application

APPLICATION

Method: Manual or pneumatic caulking gun
Application Temperature: 1°C until 30°C
Cleaning: Formoa Cleaner immediately after application and before curing
Tooling: With soapy solution before skin formation
Repair with: Formoa 360

HEALTH AND SAFETY RECOMMENDATIONS

Apply the usual industrial hygiene.

REMARKS

Formoa 360 can be coated with many types of paints and varnishes. Due to the large variety of paints and coatings a compatibility test is strongly recommended. The drying times of alkyd resin based paints may increase.
Formoa 360 can be painted immediately after application "wet on wet" with waterbased industrial paints in paint ovens at temperatures of up to 200°C for up to 45 minutes.
Formoa 360 can be applied to a wide variety of substrates. Due to the fact that specific substrates such as plastics, polycarbonate, etc, may differ from manufacturer, we recommend preliminary compatibility tests.
This product cannot be used as glazing sealant.
See specific application instruction, available on request

The variability of materials, substrates and conditions of use is such that no warranty of their functionality for a specific application can be deducted from this information, written recommendation or any other type of suggestion offered. Each user has the responsibility to complete adequate evaluations on the efficacy of the materials offered by Forgeway, of its products, services, recommendations and suggestions for the specific application need, and must accomplish sufficient testing to ascertain that the final product will be safe and sound for the final intent of the end-user.