

PRODUCT

Formoa® 760 is a very high quality hybrid polymer based seam-sealant that can be beaded or sprayed. Once cured it will provide a very tough and flexible coating for underbody and chassis protection – helping to prevent water ingress. When used with the Formoa® SS spray applicator, a professional OEM like finish will be achieved.

760
Formoa



Characteristics

- Ecological advantages - free of isocyanates, solvents, halogens and acids.
- Does not shrink, crack or harden.
- Professional OEM like finish.
- High specific adhesion on most substrates.
- UV resistant.
- High impact resistance.
- Easy to apply with little or no overspray.
- Easy to apply.
- Minimal health and safety considerations.
- Chemical resistant.

Applications

- Sealing of welded seams and joints.
- Acoustic vibration dampening.
- Prevention of water ingress.
- Complete under-body protection.

Technical Characteristics

Base Material	Hybrid Polymer
Consistency	Stable Paste
Curing System	Moisture
Through Cure Rate (mm/24hrs)	2.5
Density (Kg/l)	1.35
Elasticity Modulus at 100% (N/mm ²) ISO 37	0.5
Elongation at Break (%) ISO 37	150
Tensile Strength (N/mm ²) ISO 37	1.6
Shear Strength (N/mm ²) ASTM D1002 - rate - 6mm/min	1.2
Shore A Hardness ±5	65
Skin Over Time (mins)	13
Viscosity C&P @ 0.6 s-1 (Pa.s)	70
Volume Alteration (%)	<1
Colour Stability UV Exposure ASTM G154 (CIELab - ΔE)	<1

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

Packaging

Colour	Black or grey.
Contents	290ml cartridge or 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.

Substrates

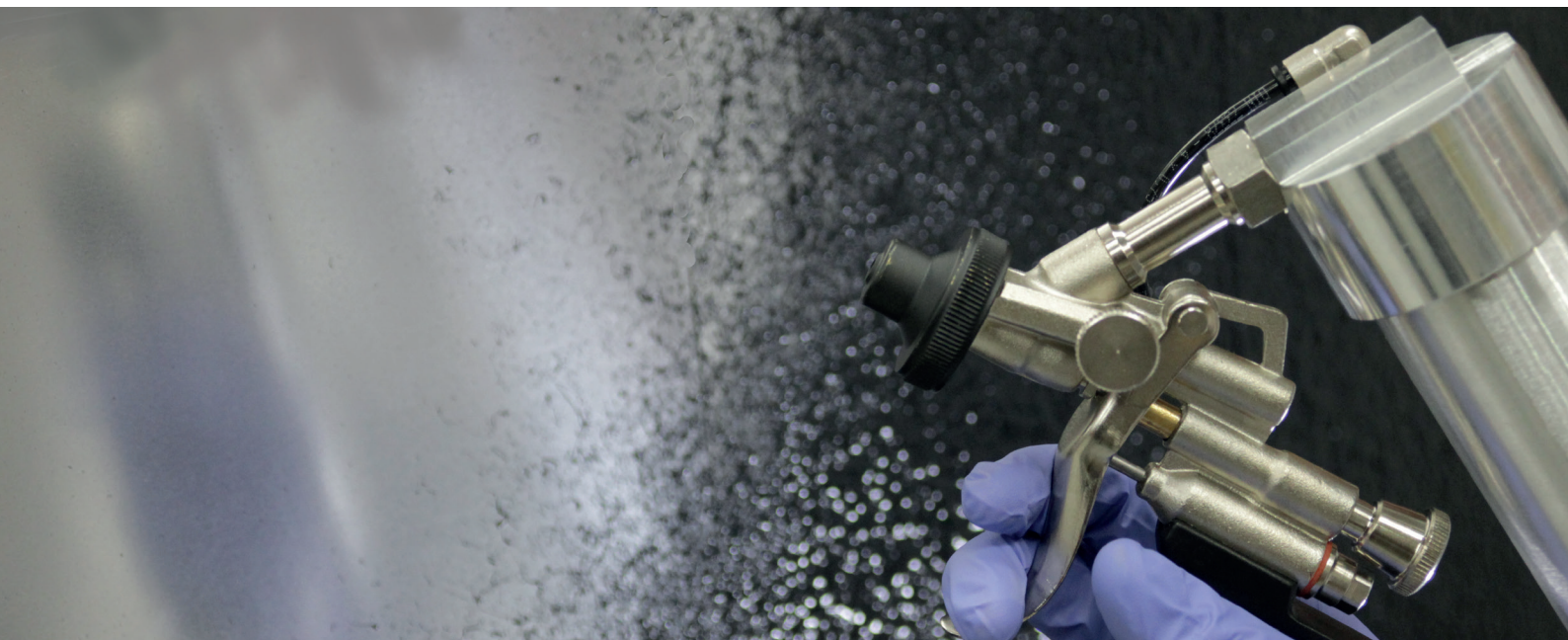
Nature	Clean, dry, free of dust and grease.
Priming	We recommend the use of Formoa® Surface Activator on non-porous surfaces. We recommend preliminary compatibility tests prior to application.

Application

Method	Apply with Formoa® SS Spray Applicator.
Application temperature	+5°C to +40°C.
Cleaning	Clean excess with Formoa® wipes before curing.
Tooling	Soapy solution before skin formation.
Repair with	Formoa® 760.

Resistance to Chemical Agents

Formoa® 760 is completely weather resistant and has good resistance to water, aliphatic solvents, oils, greases, diluted inorganic acids and alkalis. It has moderate resistance to petrol, diesel, esters, ketones and halogenated solvents.



Remarks, Disclaimer & Health and Safety

Remarks - Formoa® 760 may be overpainted with most types of lacquer used in industrial applications. However, due to the large number of paints and varnishes available, we strongly advise a compatibility test before application. The drying time of alkyd resin based paints may increase. Formoa® 760 can be applied to a wide variety of substrates. Due to the fact that specific substrates, such as plastics, polycarbonates, etc. may differ from manufacturer to manufacturer, we recommend preliminary compatibility tests. The directives contained in this document are the result of our experiments and of our experience and have been submitted in good faith. Because of the diversity of the materials and substrates and the great number of possible applications which are out of our control, we cannot accept any responsibility for the results obtained. In every case it is recommended to carry out preliminary experiments.

Disclaimer - 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 App International, 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.

Health and Safety - Refer to Safety Data Sheet (SDS) for further information. Apply the usual industrial hygiene.

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