



FORGEWAY
GLUE WITH HIGH IQ



Technical Data Sheet: FORMOA Screen Extra 2

Product Description

Formoa Screen Extra 2 is a single-component Hybrid Polymer adhesive. It is designed for primerless glass bonding with high strength, very fast curing, and very high viscosity.

Key Features

- High green strength, quick build-up of end strength, high shear strength after full cure
- High-performance mechanical properties
- Combines high stiffness with very high bond strength
- Does not contain isocyanates, silicone, solvent
- Can be sanded after full cure
- No bubble formation within adhesive
- Very easy to tool and finish
- High UV resistance
- Minimal health and safety considerations
- High specific adhesion
- Excellent long term durability
- Odourless
- No shrinkage



Applications

- For use in glass bonding applications in the bus, coach, automotive, rail and leisure vehicle industries
- For glass bonding in after-market applications where fast drive away times are required
- Structural elastic bonding between metal, composite, painted surfaces, and many plastics (not PE, PP or Teflon).



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Technical Characteristics

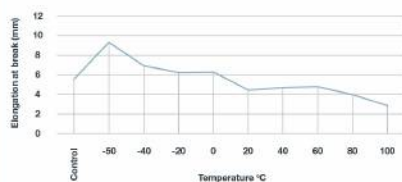
Formoa SE2

Properties	Formoa SE2
Base Material	Hybrid Polymer
Consistency	Stable Paste
Curing System	Moisture
Through Cure Rate (mm/24hrs)	3.8
Density (g/m ³)	1.4
Elasticity Modulus at 100% (N/mm ²) ISO 37	2.5
Elongation at Break (%) ISO 37	>400
Tensile Strength (N/mm ²) ISO 37	>4
Max Open Time (mins)	20 mins
Shear Strength (N/mm ²) ASTM D1002 - rate 5mm/min	>3.5
Shore A Hardness 15	70
Skin Over Time (mins)	9
Viscosity CSP @ 0.6s (Pa.s)	3500
Volume Alteration (%)	<2
Colour Stability UV Exposure ASTM G154 (GELab- AE)	0.32

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

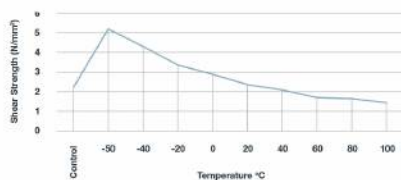
Elongation at break

(ASTM D1002)
25mm Overlapped Joint



Temperature Resistance

(ASTM D1002)





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Colours

Black



Shelf Life

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

Application Instructions

Method	Manual or pneumatic applicator.
Application Temp	+1°C until +30°C
Cleaning	White Spirit or Formoa® Surface Cleaner immediately after application and before curing
Tooling	Soapy solution before skin formation
Repair with	Formoa® Screen Extra 2

Volumes Available.

Foil
600ml



200L
on request

Resistance to Chemicals

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

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

Remarks, Disclaimer & Health and Safety

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 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.

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

Reviewed January 2021