



AEROK®

PYROK®

Material Technical Data Sheet

**FORMOA SCREEN**

Reviewed on 21 January 2003

## TECHNICAL CHARACTERISTICS

Base	MS Polymer®
Consistency	Low Viscosity Paste
Skin Formation (*)	Ca. 15 min. (20°C/50% R.V.)
Hardness	60 + 5 Shore A (DIN 53505)
Specific Gravity	1.36g/ml
Elasticity Modulus	100% 1.7 - 2.0N/mm <sup>2</sup> (DIN 53504)
Tear Resistance ASTM D624-73	18 - 20 kg/cm
Elongation at Break	>300% (DIN 53504)
Application Temperature	+5°C - +35°C

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

## PRODUCT

Formoa Screen is a high quality single component joint sealant for glass, with high adhesive strength based on MS Polymer®. Expressly designed for rapid bonding of windscreens, windows and rear windows of vehicle bodies.

## CHARACTERISTICS

- Ecological advantages - free of isocyanates, solvents, halogens and acids
- Almost no shrinkage
- Elasticity unchanged at temperatures from -40°C to +100°C
- Neutral and odourless
- Rapid curing that allows the parts to be handled a few hours after assembly
- Excellent adhesion on glass and on all sheet metals used in bodywork, galvanised sheet metal, aluminium and rigid PVC
- Good resistance to ageing and UV

FORMOA®

FORBOND®

PUROK™

## APPLICATIONS

- Bonding glass provided with a ceramic coating
- Bonding glass without a ceramic coating previously treated with primer

## PACKAGING

*Colour:* Black  
*Packaging:* Cartridge 290ml

## 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 and chlorinated hydrogens.

## SUBSTRATES

*Nature:* Clean, dry, free of dust and grease  
*Preparation:* Clean with **Surface Activator** (bodyside and glass)  
*Prime:* Where no ceramic frit protector layer exists, use **Formoa Primer PG**.

We recommend preliminary compatibility tests previous to application.

## APPLICATION

*Method:* Manual or pneumatic caulking gun  
*Application temperature:* +1°C until +30°C  
*Cleaning:* White Spirit or **Surface Cleaner** immediately after application and before curing  
*Tooling:* With soapy solution before skin formation  
*Repair with:* **Formoa Screen**

## HEALTH AND SAFETY RECOMMENDATION

Apply the usual industrial hygiene

### Remarks:

Formoa Screen may be overpainted with water based paints, 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. Due to the fact that specific substrates, such as: plastics, polycarbonates, etc, may differ from manufacturer to manufacturer we recommend preliminary compatibility tests.

