

FORMOA®

FORMOA® Antimicrobial Colours

The Product



FORMOA® Antimicrobial colour matched adhesive/sealant – has been developed where exact colour match is desired with no diminution in performance when exposed to extreme conditions and demanding environments.

FORMOA® Antimicrobial Colours provides a colour co-ordinated single component adhesive/sealant with excellent weathering resistance. Specifically developed to cover a wide range of industries and applications where antimicrobial performance is required including bonding and sealing joints on composite, GRP polucoated steel, concrete, masonry, painted surfaces, flexible and rigid PVC/EPDM, etc. FORMOA® Antimicrobial Colours is suitable for both internal and external use.

There are now over 140 colours available from current formulations but we can manufacture bespoke colours matched specifically to your substrate or colour reference

Technical Characteristics

Base	FORMOA® Polymer	Temperature Resistance	Permanent: -40°C to +90°C
Consistency	Stable Paste		4 hour: 120°C
Curing System	Moisture Cure		1 hour: 140°C
Skin Formation (*)	20 min (23°C/50% RH)	Tear Strength	2.5N/mm ² (DIN 53504)
Curing Rate (*)	2-3mm/24h	Elongation at Break	>350%
Hardness	40-45 Shore A	Shear Strength	>1.8N/mm ²
Change in volume	<2%	Substrate	AlMgSi1
Specific Gravity	1.48 g/ml	Thickness	2mm
Maximum Deformation	±20	Shear Velocity	10mm/min
		Antimicrobial performance	Pass(**)

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

(**) Modified version of ASTM G21



Characteristics

- › Primerless adhesion
- › High UV resistance
- › High specific adhesion
- › Silicone, isocyanate and solvent free
- › Easy to extrude
- › Low odour
- › Contains fungicide
- › No bubble formation
- › Approved by many material manufacturers
- › Anti-pick properties
- › High quality antimicrobial performance

Applications

- › Sealing of joints (flooring, cladding, wall panels etc.)
- › Bonding sandwich elements into guide rails
- › Bonding of light metal plates
- › Bonding corner extrusions

Packaging

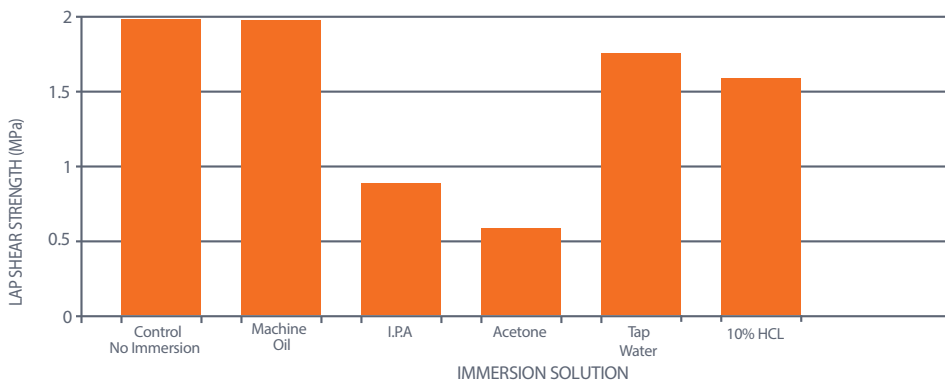
Colour

- › Available in over 140 colours, but we can make any bespoke colour, matched to your substrate or colour reference.

Pack Size

- › Cartridge 290ml

Resistance to Chemical Agents



FORMOA[®] Antimicrobial Colours can be tooled up to create a smooth finish using white/mineral spirits (gloves should be worn at all times).

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: Formoa[®] Surface Activator may be used on non porous surfaces

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 ® Antimicrobial Colours

Health & Safety Recommendations

- Apply the usual industrial hygiene