

# FORMOA®

# FORMOA® Colours

## The Product



FORMOA® colour matched adhesive/ sealant - developed more than 12 years ago, for applications where exact colour match is desired with no diminution in performance when exposed to extreme conditions and demanding environments.

FORMOA® Colours provides a colour coordinated single component adhesive/ sealant with excellent weathering resistance. Specifically developed to cover a wide range of industries and applications including bonding and sealing joints on composite, GRP, polycoated steel, concrete, masonry, painted surfaces, flexible and rigid PVC/ EPDM, etc. FORMOA® 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

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

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



## 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

## Applications

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

## Packaging

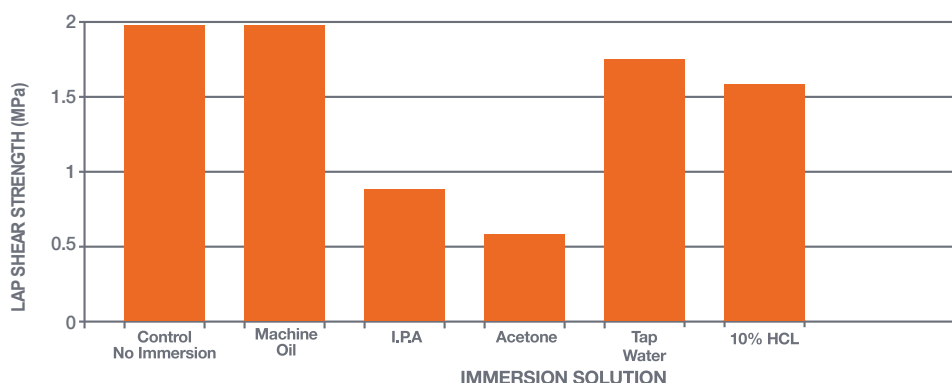
### Colour

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

## Shelf Life

15 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 prior to application.

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## Application

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<b>Method</b>	Manual or pneumatic caulking gun
<b>Application temperature</b>	+1°C until +30°C
<b>Cleaning</b>	White Spirit or Surface Cleaner immediately after application and before curing.
<b>Tooling</b>	With soapy solution before skin formation
<b>Repair with</b>	FORMOA® Colours

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## Health & Safety Recommendations

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› Apply the usual industrial hygiene

