

# ArtTV Silicone



**Industrial  
Plasters**  
Proven Reliability

**ArtTV Silicone** is a high strength RTV silicone moulding compound ideal for moulds for plaster and Jesmonite and most other modelmaking applications. Moulds made from **ArtTV Silicone** will give high quality reproduction with virtually no shrinkage and with excellent release properties. **ArtTV Silicone** has been designed to be easy to mix by hand with colour-coded catalyst to offer a visual aid to ensure mixing is complete.

The two components mix easily and because of its low viscosity **ArtTV Silicone** can be used without the use of a vacuum chamber. **ArtTV Silicone** also can be thickened with Silastic Thixo Additive to enable you to make skin moulds and to mould in-situ on site.

## Features & Benefits

- Outstanding release properties
- High flowability and long working time
- Medium hardness
- High tear resistance
- High elasticity, for easy removal of, complex replica parts
- Can be made thixotropic (non-flowable) for vertical surface and brush-on applications
- Choice of catalyst for all applications

The Catalyst for **ArtTV Silicone Base** is pigmented green for easy visual mixing assessment. Fast is supplied as standard.

Added to **ArtTV Silicone** Base at 3%.

1kg Silicone Base requires 30g Catalyst  
5kg Silicone Base requires 150g Catalyst  
25kg Silicone Base requires 750g Catalyst

**ArtTV Catalyst** is available in 3 speeds.

Speed	Working Time	Cure Time
FAST	30 minutes	5-7 hours
SLOW	90 minutes	24 hours
VERY FAST	10 minutes	3 hours

## ArtTV Silicone Technical Data

Colour	
Base	White
Catalyst	Green
Mixed/Cured	Pale Green
Viscosity	25,000 – 30,000mPa·s
Hardness	20 Shore A
Tensile Strength	3.2MPa
Elongation to break	550-600%
Tear Strength	24N/mm <sup>2</sup>
Linear Shrinkage	0.3%

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