

# Maxisil<sup>®</sup>



[maxisil.com](http://maxisil.com)

# MATCH YOUR GROUT



Maxisil has done the hard work so you can be sure you are matching your grout and silicone perfectly, every time. We have matched to the main grout brands:

**Mapei**  
**Ardex**  
**Davco**  
**Kemgrout**

**GROUT CHART POSTERS AVAILABLE INSTORE**



## COLOUR MATCHER

Online or on mobile? Click on our colour matcher on our website. It's easy to use, and you will find the grout code in seconds.

**[MAXISIL.COM/COLOUR-MATCHER/](http://MAXISIL.COM/COLOUR-MATCHER/)**

**Maxisil®**

# WET AREAS



**Excellent weather ability, UV-resistance and resistant to ageing**



**Contains strong fungicide to fight mould**



**Resistant to most cleaning materials**

Primerless adhesion to clean, dry surfaces such as ceramics, glass, acrylics, aluminium, painted wood with very good tooling and smoothing properties - not oily or stringy

Temperature resistant 60-180 degrees

High gap fill

Low VOC – Green star approved

## Applications

All tiled areas

Interior and exterior

Bathrooms, kitchens and flooring

Glass doors and windows

Expansion joints in all wet areas (walls & floors)

Sealing and bonding of glass modules



SEE TECHNICAL DATA SHEETS FOR MORE INFORMATION

**Maxisil®**

# ACETIC CURE SILICONE



**A17 Alabaster**  
RDX1000ala  
310ml



**A28 Brown**  
RDX1000br  
310ml



**A63 Cinder**  
RDX1000ci  
310ml



**A15 Aluminium**  
RDX1000alu  
310ml



**A22 Canvas**  
RDX1000can  
310ml



**A61 Deep Terracotta**  
RDX1000dter  
310ml



**A13 Anthracite**  
RDX1000an  
310ml



**A49 Cashmere**  
RDX1000cash  
310ml



**A6 Flash Grey**  
RDX1000fg  
310ml



**A11 Bahama Beige**  
RDX1000Bahb  
310ml



**A1 Clear**  
RDX1000cl  
310ml



**A10 Grey**  
RDX1000g  
310ml



**A7 Basalt**  
RDX1000bas  
310ml



**A74 Cocoa**  
RDX1000coc  
310ml



**A29 Havana**  
RDX1000hav  
310ml



**A24 Beige**  
RDX1000bg  
310ml



**A32 Cotto**  
RDX1000cot  
310ml



**A19 Ivory**  
RDX1000iv  
310ml



**A16 Black**  
RDX1000bl  
310ml



**A44 Bermuda**  
RDX1000bm  
310ml



**A4 Light Grey**  
RDX1000lg  
310ml



**A8 Blue Grey**  
RDX1000blg  
310ml

# ACETIC CURE SILICONE



**A23 Mid Beige**  
RDX1000mb  
310ml



**A27 Mid Brown**  
RDX1000mbr  
310ml



**A5 Mid Grey**  
RDX1000mg  
310ml



**A60 Mocha**  
RDX1000moc  
310ml



**A3 Off White**  
RDX1000ow  
310ml



**A56 Pewter**  
RDX1000pewg  
310ml



**A46 Snow White**  
RDX1000sw  
310ml



**A57 Plover**  
RDX1000plov  
310ml



**A33 Red**  
RDX1000r  
310ml



**A21 Sand**  
RDX1000s  
310ml



**A62 Sienna**  
RDX1000si  
310ml



**A18 Stone**  
RDX1000sto  
310ml



**A9 Platinum**  
RDX1000plat  
310ml



**A72 Taupe**  
RDX1000tau  
310ml



**A20 Travertine**  
RDX1000tr  
310ml



**A55 Vanilla**  
RDX1000v  
310ml



**A2 White**  
RDX1000w  
310ml



**A37 Walnut**  
RDX1000wal  
310ml



# NATURAL STONE



**Guaranteed not to cause any migratory staining on natural stone**



**Excellent weather ability, UV-resistance and resistant to ageing**



**Fungicides that won't wash out over time**



**Low VOC – Green star approved**

Neutral cure

Good for high traffic areas

High gap fill

Temperature resistant 40 to 180 degrees

Non-corrosive

High resistance to notches, tension and tearing

## Applications

Sealing and jointing on all natural stones and substrates, e.g. marble, sandstone, granite, bluestone (interior and exterior). Can also be used on pools that have natural stone surrounds.

Sealing of expansion joints in floors, walls and facades.

Movement-compensating bonding of natural stone on metal, e.g. stairs on a metal construction.

Sealing of laminated and coated glass and mirrors when in connection with natural stone.

- Natural stone
- Granite benchtops
- Stone flooring
- Pavers

SEE TECHNICAL DATA SHEET FOR MORE INFORMATION



**100%  
— PURE —  
SILICONE  
SEALANT**

**Maxisil®**

## NEUTRAL CURE SILICONE



**N3 Alabaster**  
RDX1001ala  
310ml



**N17 Anthracite**  
RDX1001an  
310ml



**N6 Beige**  
RDX1001bg  
310ml



**N18 Black**  
RDX1001bl  
310ml



**N9 Brown**  
RDX1001br  
310ml



**N1 Clear**  
RDX1001cl  
310ml



**N16 Dark Grey**  
RDX1001dg  
310ml



**N15 Grey**  
RDX1001g  
310ml



**N35 Monumento**  
RDX1001mon  
310ml



**N23 Grigio**  
RDX1001grg  
310ml



**N28 Havana**  
RDX1001hav  
310ml



**N11 Light Grey**  
RDX1001lg  
310ml



**N14 Manhattan**  
RDX1001man  
310ml



**N20 Noce**  
RDX1001noc  
310ml



**N12 Pearl Grey**  
RDX1001pg  
310ml



**N27 Travertine**  
RDX1001tr  
310ml



**N4 Vanilla**  
RDX1001v  
310ml



**N2 White**  
RDX1001w  
310ml



**N36 Matte Monumento**  
RDX1001mmon  
310ml



**N31 Matte Anthracite**  
RDX1001manth  
310ml



**N30 Matte Black**  
RDX1001mb  
310ml



**N29 Matte White**  
RDX1001mw  
310ml



**N33 Matte Dark Grey**  
RDX1001mdg  
310ml



**N34 Matte Manhattan**  
RDX1001mman  
310ml



# POOL



Highly resistant to pool chemicals



Highly UV resistant



Contains fungicides that won't wash out, even under water



Excellent weathering and ageing



Proven history in large pool projects for over 20 years

Neutral cure

High resistance to notches, tension and tearing

Non-corrosive

High gap fill

## Applications

Maxisil P is a neutral cure silicone sealant ideally suited for sealing and jointing on swimming pool surrounds, water features, spa baths and commercial change rooms, including underwater joints.

Sealing and joining of external area's on commercial water craft, including motor yachts, fishing and recreational vehicles.

- Swimming pools – domestic and commercial
- Swimming pool surrounds
- Fittings
- Water features and ponds
- Spas and saunas
- Gymnasiums
- Outdoor and public showers
- All underwater areas

SEE TECHNICAL DATA SHEET FOR MORE INFORMATION



100%  
– PURE –  
SILICONE  
SEALANT

**Maxisil**<sup>®</sup>



# NEUTRAL CURE SILICONE



**P8 Blue**  
RDX1004blue  
310ml  
*Order in only*



**P7 Black**  
RDX1004b  
310ml



**P4 Grey**  
RDX1004g  
310ml



**P5 Ivory**  
RDX1004iv  
310ml



**P3 Light Grey**  
RDX1004lg  
310ml



**P2 Off White**  
RDX1004ow  
310ml



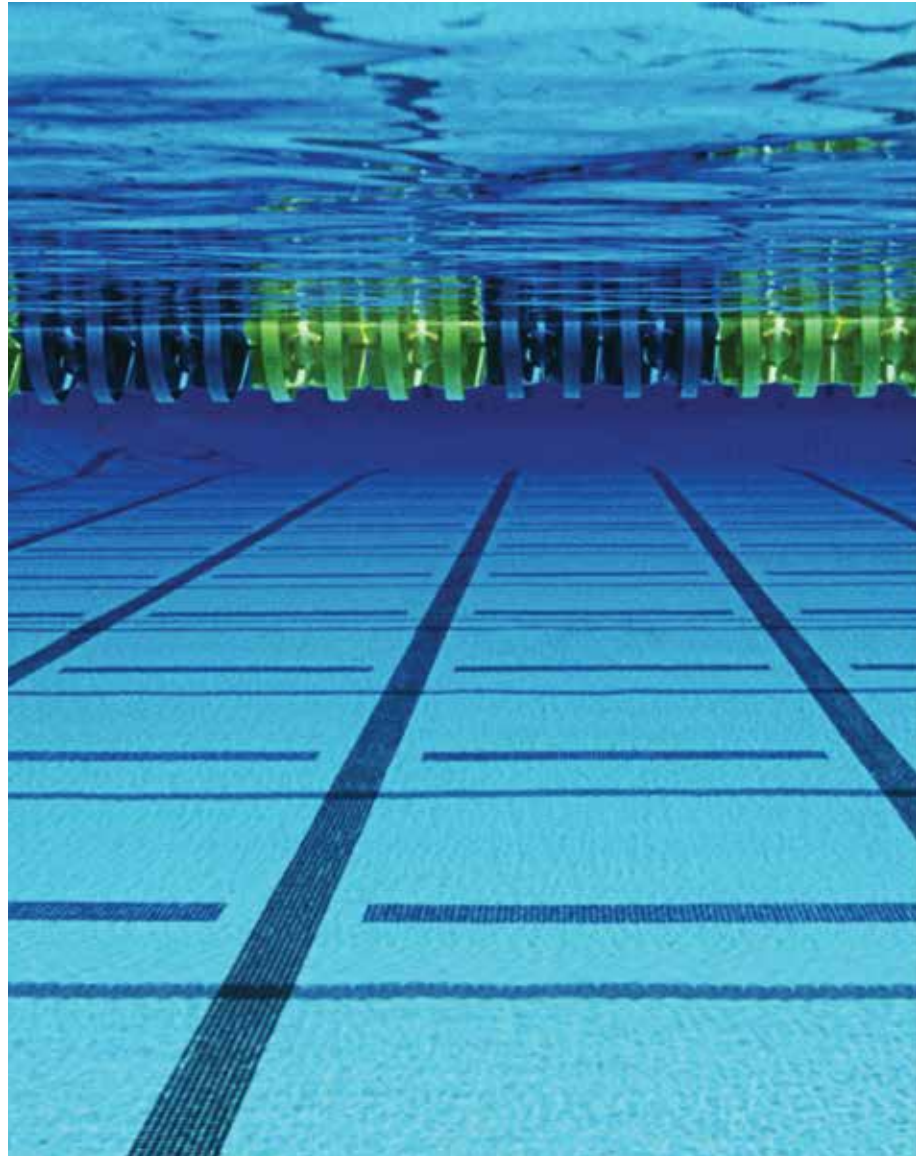
**P6 Sand**  
RDX1004s  
310ml



**P1 White**  
RDX1004w  
310ml



**P9 Clear**  
RDX1004c  
310ml



# MEMBRANE



**Suited to waterproofing and membrane applications.**



**Resistant to weathering, ageing and UV radiation**

Neutral-curing 1-component silicone sealant

Non-corrosive

Temperature resistance – 40° C to +180° C

High gap fill

## Applications

Maxisil M is a neutral cure silicone sealant ideally suited for the use in waterproof or membrane applications. It can also be used for bathroom and general building requirements.

- Sealing of joints prior to waterproofing membrane application in showers, bathrooms, niche boxes etc
- Expansion joints on prefabricated concrete and cellular concrete units
- Expansion joints in bathroom areas
- Great for bondbreaker style of application



### **M3 Off White**

RDX1007  
310ml

SEE TECHNICAL DATA SHEET FOR MORE INFORMATION



# Maxisil®

# Maxisil

For best results  
follow the Maxisil  
system



1



## MAXISIL CLEANER

Clean joint before applying silicone

2



## MAXISIL SILICONE

Apply Maxisil silicone

3









## SMOOTHTEX & APPLICATOR








Brush on Smoothtex and use  
applicator for smooth finish

For more information visit [maxisil.com](http://maxisil.com)

## MAXISIL SEALANTS + ACCESSORIES

	DESCRIPTION	SKU	SIZE	PACK QTY
	<b>MAXISIL SMOOTHTEX A SMOOTHING AGENT</b> <ul style="list-style-type: none"> <li>Increases workability on long silicone beads</li> <li>Concentrated formula</li> <li>Used with Maxisil A and P</li> <li>Not recommended for natural stone applications</li> </ul>	RDX2000	250ml	15
		RDX1999	1 litre	6
		RDX2002	5 litre	4
	<b>MAXISIL SMOOTHTEX N SMOOTHING AGENT</b> <ul style="list-style-type: none"> <li>Increases workability on long silicone beads</li> <li>Best suited for Maxisil N</li> <li>Use undiluted only</li> </ul>	RDX2019	250ml	15
		RDX2020	1 litre	6
		RDX2018	5 litre	4
	<b>MAXISIL CLEANER</b> <ul style="list-style-type: none"> <li>Acetone based cleaner, removes oils and other surface contaminants fast, leaving a clean residue free surface</li> </ul>	RDX2004	250ml	12
	<b>MAXISIL SILICONE REMOVER</b> <ul style="list-style-type: none"> <li>Removes stubborn old sealants</li> </ul>	RDXA3009	310ml	20
	<b>BACKER ROD</b>	RDX2300	6mm x 1m	per mt
		RDX2303	10mm x 1m	per mt
	<b>MAXISIL CORNER NOZZLES</b> <ul style="list-style-type: none"> <li>Makes getting into hard to reach areas easy</li> </ul>	RDXA2050a	3 Pack	each

## MAXISIL SEALANTS + ACCESSORIES

	DESCRIPTION	SKU	SIZE	PACK QTY
	<b>MAXISIL EXTENSION NOZZLES</b>	RDXA2051	6 Pack	60
	<b>MAXISIL APPLICATOR</b> <ul style="list-style-type: none"> <li>• High quality silicone rubber</li> <li>• Shaped to allow perfect joint finish</li> </ul>	RDXA3000		each
	<b>MAXISIL BRUSH</b>	RDXA3001		each
	<b>MAXISIL SILICONE NOZZLE CUTTER (HANG SELL)</b>	RDXA3100		each
	<b>MAXISIL SPRAY BOTTLE</b>	RDXT984		each
	<b>MAXISIL SILICONE NOZZLE UNBLOCKER</b>	RDXA3010		each
	Primer 1215 - for Maxisil A (Mortar, Brick, Untreated Wood) Maxisil N (Concrete, Mortar, Brick, Plaster) Maxisil P (Chlorinated Rubber Paint)	RDX2012	250ml	each
	Primer 1216 - for Maxisil A (Anodised Aluminium, Chrome, Wood) Maxisil N (Artificial Stone, Chrome, Stainless Steel) Maxisil P (Stainless Steel, Aluminium, Anodised Aluminium) RDX	RDX2014	250ml	each
	Primer 1217 - For Maxisil A ( PVC) Maxisil N (PVC, Fluorocarbons, Aluminium) Maxisil P (PVC, Fiberglass, Polyester)	RDX2016	250ml	each
	Primer 1218 - For Maxisil P (Concrete, Mortar, Plaster, Ceramic Tiles)	RDX2017b	250ml	each
	Primer 1218 - For Maxisil P (Concrete, Mortar, Plaster, Ceramic Tiles)	RDX2017c	1 litre	each

# MOULD AND FUNGUS INFORMATION MAXISIL SILICONE SEALANT

## Mould and fungus on sealants - causes, counter-measures and prevention

### The attack on elastic sealants by mould is a constant concern.

Mould attacks can be recognised from the incidence of mainly dark spots on the surface of the sealant. The spots are usually black, as in the case of the well-known mould 'Aspergillus Niger,' but can also be brown, yellow, violet, red or pink.

Fungi are a large group of micro-organisms. There are estimated to be about 250,000 different types of fungus with around 50,000 of them being mould fungi. The visible spots on the sealant are metabolic products of these micro-organisms. For removal of mould, mildew and algae view our Maxisil Mould Remover.

## CAUSES

### The following conditions help to form mould on sealants:

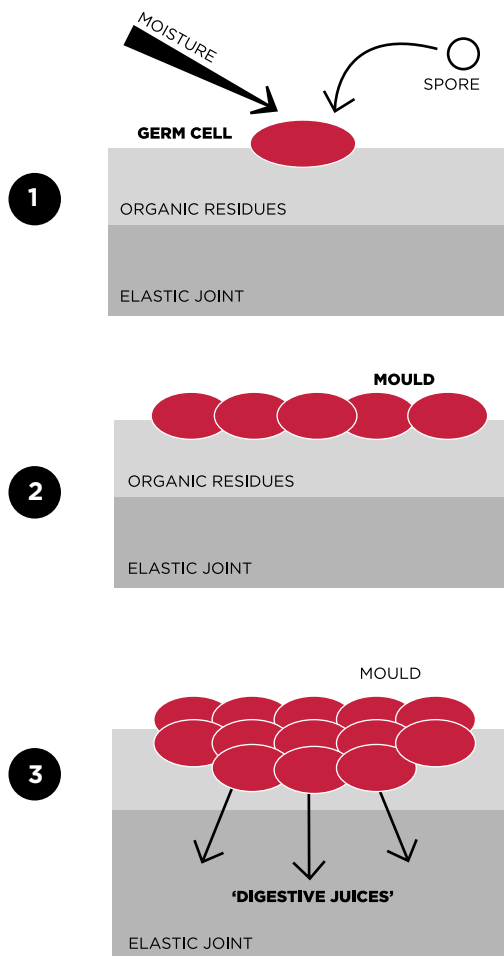
- High air humidity with little movement of air, eg: in bathrooms, showers, kitchens etc.
- Warmth
- Nutrients in the form of organic deposits. e.g. residues from body care materials such as soap, shower gel etc.

Since elastic silicone joints have low thermal conductivity they are the warmest part of a tiled surface and where mould thrives best, in combination with organic residues and moisture.

Mould fungus spreads through spores. Spores are mostly small round cells with a diameter of a fraction of a millimetre and a mass of a billionth of a gram. They are spread by the wind like dust particles and are very resistant. When they first land on a silicone joint where the three factors for growth exist (humidity, warmth and nutrients), the spores initially absorb water and enlarge by swelling in volume (see illustration 1).

Then a thread-like filament grows out of the spore and spreads by branching in a circle around the germinating spore. A network of filaments forms. These so-called mycelia (networks of filaments) can grow very rapidly and thrive under favourable conditions. If mould is only growing on the organic deposits on the sealant surface, it is called a primary attack (see illustration 2).

These mould fungi secrete a type of digestive juice which is able to break the sealant down into usable decomposition products for the mould. If this occurs, the mould can grow into the sealant. This is called a secondary attack, which in the end results in the unattractive spots on the silicone joint (see illustration 3).



## COUNTER-MEASURES

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### Maxisil contains fungicidal (mould resistant) properties in all its silicone sealant products.

By using a fungicidal formulation, mould attack is prevented as far as possible. To ensure the sealants are physiologically safe, Maxisil only uses fungicides that do not contain any toxic heavy metal compounds or other toxic substances.

The anti-fungal effect cannot be guaranteed permanently since the protective agents can be inactivated over time by the mould/fungi.

## PREVENTION


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The best means of prevention against mould on sealants is good ventilation and regular cleaning and disinfection of the elastic joints. Nothing can be done about the spores occurring naturally everywhere in the air. However, the colonisation and multiplication of micro-organisms on the sealant can be prevented if the rooms are well ventilated and the elastic joints are properly looked after.

In addition to regular cleaning, the elastic joints should be treated at definite intervals (e.g. weekly) with a commercial disinfectant. For cleaning, preferably neutral or alkaline cleaning agents should be used, since mould spreads more vigorously under acid conditions.

If a mould attack occurs, as long as it is just limited to the surface (primary attack), it should be treated with anti-fungal spray from Maxisil. If the mould has already entered into the sealant (secondary attack), the sealant must be removed completely.

Before replacing the sealant, the affected joint areas should be treated with anti-fungal spray in order to remove any fungus spores. Otherwise, if any spores are still present around the joints, fungal attack may rapidly reoccur in spite of the new sealant having fungicidal properties.



**The best means of prevention against mould on sealants is good ventilation and regular cleaning and disinfection of the elastic joints.**



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