

# Maxisil<sup>®</sup>



# MATCH YOUR GROUT



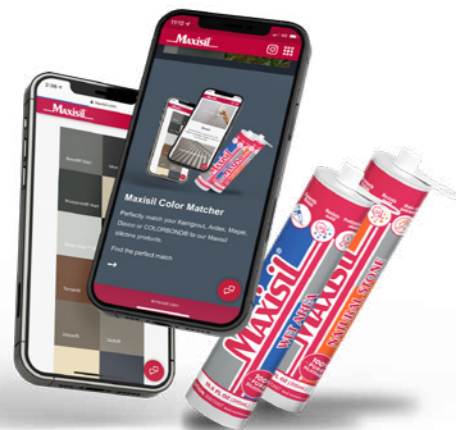
Maxisil has done the hard work so you can be sure you are matching your grout and silicone perfectly, every time. We have matched to the leading grout brands:

**Mapei**  
**Ardex**  
**Custom Building Products**  
**Laticrete**  
**Bostik**  
**TEC**  
**North American Adhesives**


## COLOR CROSS-OVER

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

[MAXISIL.COM/US/COLOR-CROSS-OVER/](https://MAXISIL.COM/US/COLOR-CROSS-OVER/)



 Resistant to weathering, aging and UV radiation

 Contains strong fungicides to resist mold

 Resistant to most cleaning materials

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

Temperature resistant -40°C to +180°C/-40°F to +356°F

High gap fill

**WET AREA**

## Applications

- All tiled areas
- Interior and exterior
- Bathrooms, kitchens and flooring
- Glass doors and windows
- Expansion joints in all wet areas (walls and floors)



**100%  
- PURE -  
SILICONE**

SEE TECHNICAL DATA SHEETS FOR MORE INFORMATION

**Maxisil®**

**Maxisil®**

ACETIC CURE SILICONE

ACETIC CURE SILICONE



**A17 Alabaster**  
RDX1000ala  
10.5fl oz (310ml)



**A28 Brown**  
RDX1000br  
10.5fl oz (310ml)



**A15 Aluminum**  
RDX1000alu  
10.5fl oz (310ml)



**A23 Mid Beige**  
RDX1000mb  
10.5fl oz (310ml)



**A46 Snow White**  
RDX1000sw  
10.5fl oz (310ml)



**A72 Taupe**  
RDX1000tau  
10.5fl oz (310ml)



**A22 Canvas**  
RDX1000can  
10.5fl oz (310ml)



**A61 Deep Terracotta**  
RDX1000dter  
10.5fl oz (310ml)



**A13 Anthracite**  
RDX1000an  
10.5fl oz (310ml)



**A27 Mid Brown**  
RDX1000mbr  
10.5fl oz (310ml)



**A20 Travertine**  
RDX1000tr  
10.5fl oz (310ml)



**A5 Mid Grey**  
RDX1000mg  
10.5fl oz (310ml)



**A49 Cashmere**  
RDX1000cash  
10.5fl oz (310ml)



**A6 Flash Grey**  
RDX1000fg  
10.5fl oz (310ml)



**A11 Bahama Beige**  
RDX1000bahb  
10.5fl oz (310ml)



**A33 Red**  
RDX1000r  
10.5fl oz (310ml)



**A55 Vanilla**  
RDX1000v  
10.5fl oz (310ml)



**A60 Mocha**  
RDX1000moc  
10.5fl oz (310ml)



**A1 Clear**  
RDX1000cl  
10.5fl oz (310ml)



**A10 Grey**  
RDX1000g  
10.5fl oz (310ml)



**A7 Basalt**  
RDX1000bas  
10.5fl oz (310ml)



**A21 Sand**  
RDX1000s  
10.5fl oz (310ml)



**A2 White**  
RDX1000w  
10.5fl oz (310ml)



**A3 Off White**  
RDX1000ow  
10.5fl oz (310ml)



**A74 Cocoa**  
RDX1000coc  
10.5fl oz (310ml)



**A29 Havana**  
RDX1000hav  
10.5fl oz (310ml)



**A24 Beige**  
RDX1000bg  
10.5fl oz (310ml)



**A18 Stone**  
RDX1000sto  
10.5fl oz (310ml)



**A56 Pewter Grey**  
RDX1000pewg  
10.5fl oz (310ml)



**A9 Platinum**  
RDX1000plat  
10.5fl oz (310ml)



**A32 Cotto**  
RDX1000cot  
10.5fl oz (310ml)



**A19 Ivory**  
RDX1000iv  
10.5fl oz (310ml)



**A16 Black**  
RDX1000bl  
10.5fl oz (310ml)



**A4 Light Grey**  
RDX1000lg  
10.5fl oz (310ml)






**A8 Blue Grey**  
RDX1000big  
10.5fl oz (310ml)



## NEUTRAL CURE SILICONE

# NATURAL STONE

-  Guaranteed not to cause any migratory staining on natural stone
-  Resistant to weathering, aging and UV radiation
-  Contains fungicides that won't wash out over time

Neutral cure

Good for high-traffic areas

High gap fill

Temperature resistant -40°C to +180°C / -40°F to +356°F

Non-corrosive

High resistance to notches, tension and tearing

50% movement capability

### 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 façades.

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
- Façades

SEE TECHNICAL DATA SHEET FOR MORE INFORMATION



100%  
- PURE -  
SILICONE



**N3 Alabaster**  
RDX1001ala  
10.5fl oz (310ml)



**N17 Anthracite**  
RDX1001an  
10.5fl oz (310ml)



**N6 Beige**  
RDX1001bg  
10.5fl oz (310ml)



**N18 Black**  
RDX1001bl  
10.5fl oz (310ml)



**N9 Brown**  
RDX1001br  
10.5fl oz (310ml)



**N1 Clear**  
RDX1001cl  
10.5fl oz (310ml)



**N16 Dark Grey**  
RDX1001dg  
10.5fl oz (310ml)



**N15 Grey**  
RDX1001g  
10.5fl oz (310ml)



**N35 Monumento**  
RDX1001mon  
10.5fl oz (310ml)



**N28 Havana**  
RDX1001hav  
10.5fl oz (310ml)



**N11 Light Grey**  
RDX1001lg  
10.5fl oz (310ml)



**N14 Manhattan**  
RDX1001man  
10.5fl oz (310ml)



**N12 Pearl Grey**  
RDX1001pg  
10.5fl oz (310ml)



**N27 Travertine**  
RDX1001tr  
10.5fl oz (310ml)



**N4 Vanilla**  
RDX1001v  
10.5fl oz (310ml)



**N2 White**  
RDX1001w  
10.5fl oz (310ml)



**N36 Matte Monumento**  
RDX1001mmon  
10.5fl oz (310ml)



**N31 Matte Anthracite**  
RDX1001manth  
10.5fl oz (310ml)



**N30 Matte Black**  
RDX1001mb  
10.5fl oz (310ml)



**N29 Matte White**  
RDX1001mw  
10.5fl oz (310ml)







**N33 Matte Dark Grey**  
RDX1001mdg  
10.5fl oz (310ml)



**N34 Matte Manhattan**  
RDX1001mman  
10.5fl oz (310ml)



POOL

-  Highly resistant to pool chemicals
-  Contains fungicides that won't wash out, even under water
-  Resistant to weathering, aging and UV radiation
-  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 Pool 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 jointing of external areas on commercial watercraft, 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



**P7 Black**  
RDX1004b  
10.5fl oz (310ml)



**P4 Grey**  
RDX1004g  
10.5fl oz (310ml)



**P5 Ivory**  
RDX1004iv  
10.5fl oz (310ml)



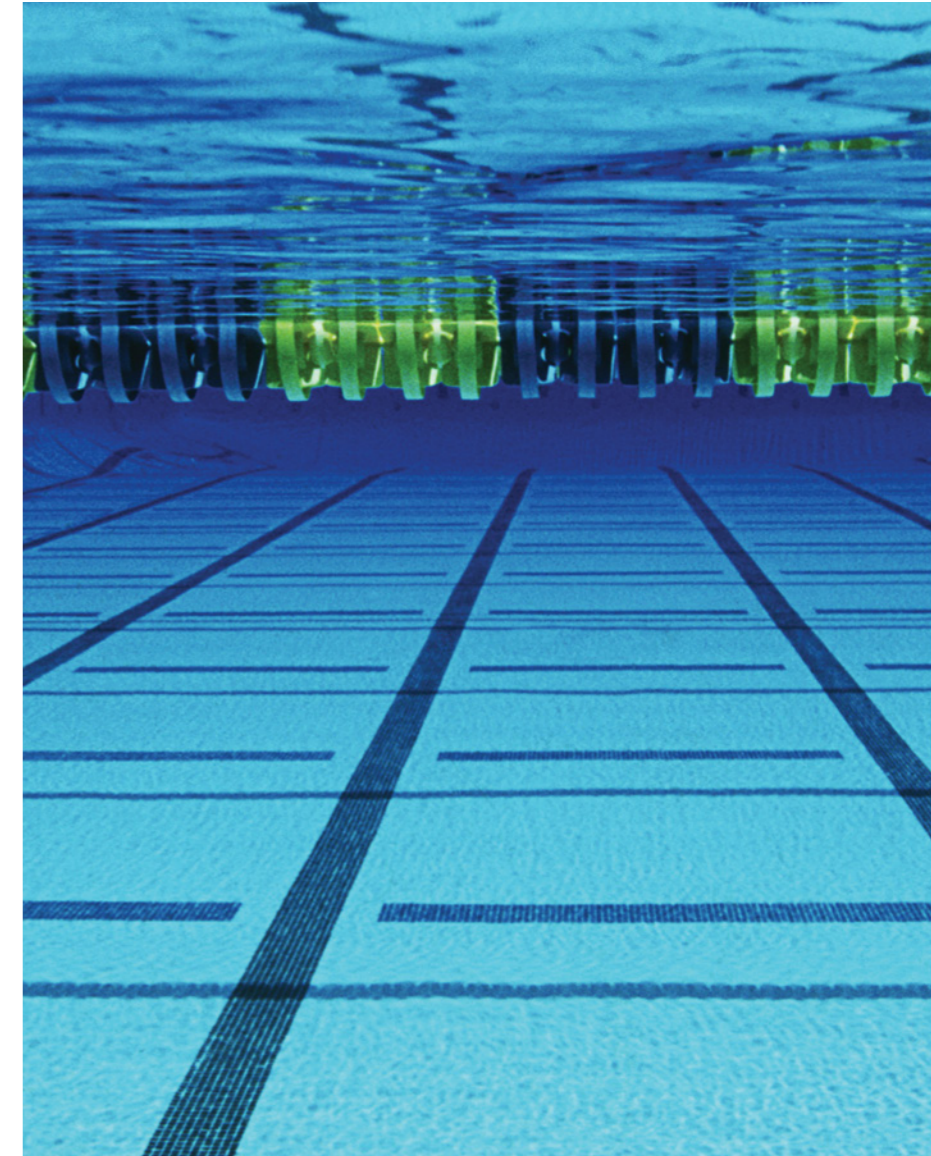
**P3 Light Grey**  
RDX1004lg  
10.5fl oz (310ml)





**P2 Off White**  
RDX1004ow  
10.5fl oz (310ml)



**P1 White**  
RDX1004w  
10.5fl oz (310ml)



## MEMBRANE

-  Suited to bond breaker/fillet applications
-  Resistant to weathering, aging and UV radiation

Highly flexible  
 Neutral-curing 1-component silicone sealant  
 Non-corrosive  
 Temperature resistance -40°C to +180°C/-40°F to +356°F  
 Zero wait time

### Applications

Maxisil Membrane is a neutral cure silicone sealant suited for bond breaker/fillet applications underneath liquid membranes. 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
- No waiting required. Membrane material can be immediately applied over Maxisil Membrane



**M3 Off White**  
 RDX1007  
 10.5fl oz (310ml)

SEE TECHNICAL DATA SHEET FOR MORE INFORMATION



For best results  
 follow the  
 Maxisil system

1



### MAXISIL CLEANER

Clean joint before applying silicone

2



### MAXISIL SILICONE

Apply Maxisil silicone






3



### SMOOTHTEX & APPLICATOR

Spray on Smoothtex and use applicator for smooth finish

## MAXISIL SEALANTS + ACCESSORIES

DESCRIPTION	SKU	SIZE	PACK QTY
 <p><b>MAXISIL SMOOTHTEX A SMOOTHING AGENT</b></p> <ul style="list-style-type: none"> <li>Increases workability on long silicone beads</li> <li>Concentrated formula</li> <li>Used with Maxisil Wet Area and Maxisil Pool silicone</li> <li>Not recommended for natural stone applications</li> </ul>	RDX2000	8.4fl oz (250ml)	15
	RDX1999	34fl oz (1lt)	6
	RDX2002	170fl oz (5lt)	4
 <p><b>MAXISIL SMOOTHTEX N SMOOTHING AGENT</b></p> <ul style="list-style-type: none"> <li>Increases workability on long silicone beads</li> <li>Used with Maxisil Natural Stone silicone</li> <li>Use undiluted only</li> </ul>	RDX2019	8.4fl oz (250ml)	15
	RDX2020	34fl oz (1lt)	6
 <p><b>MAXISIL CLEANER</b></p> <ul style="list-style-type: none"> <li>Acetone-based cleaner that removes oils and other surface contaminants fast, leaving a clean, residue-free surface</li> </ul>	RDX2004	8.4fl oz (250ml)	12
 <p><b>MAXISIL CORNER NOZZLES</b></p> <ul style="list-style-type: none"> <li>Makes getting into hard-to-reach areas easy</li> </ul>	RDXA2050a	3 pack	each
 <p><b>MAXISIL EXTENSION NOZZLES</b></p>	RDXA2051	6 pack	60

## MAXISIL SEALANTS + ACCESSORIES

DESCRIPTION	SKU	SIZE	PACK QTY
 <p><b>MAXISIL APPLICATOR</b></p> <ul style="list-style-type: none"> <li>High-quality silicone rubber</li> <li>Shaped to allow perfect joint finish</li> </ul>	RDXA3000		each
 <p><b>MAXISIL SPRAY BOTTLE</b></p>	RDXT984		each
 <p><b>MAXISIL SILICONE NOZZLE UNBLOCKER</b></p>	RDXA3010		each
 <p>Primer 1215 - for Maxisil Wet Area (Mortar, Brick, Untreated Wood), Maxisil Natural Stone (Concrete, Mortar, Brick, Plaster) and Maxisil Pool (Chlorinated Rubber Paint)</p> <p>Primer 1216 - for Maxisil Wet Area (Anodized Aluminum, Chrome, Wood), Maxisil Natural Stone (Artificial Stone, Chrome, Stainless Steel) and Maxisil Pool (Stainless Steel, Aluminum, Anodized Aluminum)</p> <p>Primer 1217 - For Maxisil Wet Area (PVC), Maxisil Natural Stone (PVC, Fluorocarbons, Aluminum) and Maxisil Pool (PVC, Fiberglass, Polyester)</p> <p>Primer 1218 - For Maxisil Pool (Concrete, Mortar, Plaster, Ceramic Tiles)</p>	RDX2012	250ml	each
	RDX2014	250ml	each
	RDX2016	250ml	each
	RDX2017b	250ml	each
	RDX2017c	1 litre	each

# MOLD AND FUNGUS INFORMATION MAXISIL SILICONE SEALANT

Mold and fungus on sealants; causes, counter-measures and prevention

The attack on elastic sealants by mold is a constant concern.

Mold attacks can be recognized 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 mold '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 mold fungi. The visible spots on the sealant are metabolic products of these micro-organisms. For removal of mold, mildew and algae, use an appropriate mold remover.

## CAUSES

The following conditions help to form mold on sealants:

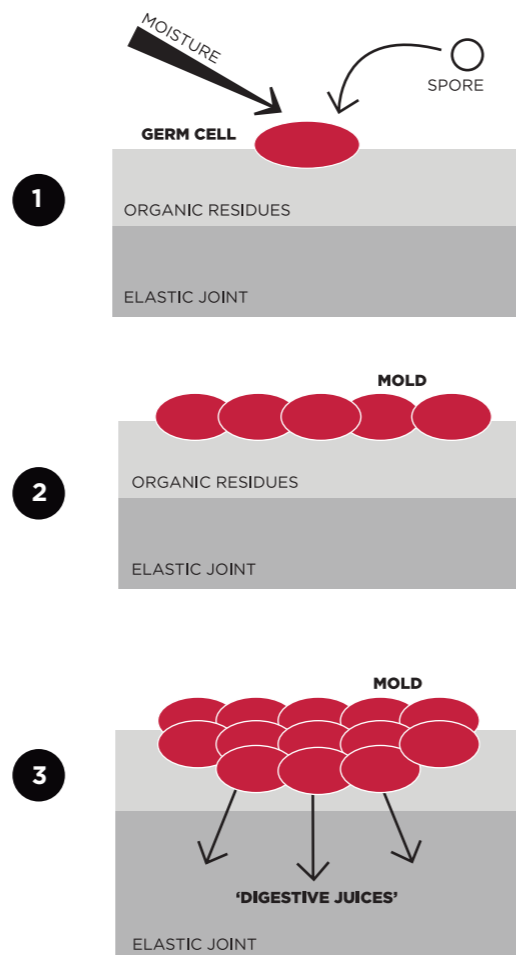
- High air humidity with little movement of air, eg: in bathrooms, showers, kitchens etc.
- Warmth
- Nutrients in the form of organic deposits. e.g. residues from body care materials such as soap, shower gel etc.

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

Mold fungus spreads through spores. Spores are mostly small round cells with a diameter of a fraction of a millimeter 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 favorable conditions. If mold is only growing on the organic deposits on the sealant surface, it is called a primary attack (see illustration 2).

These mold fungi secrete a type of digestive juice which is able to break the sealant down into usable decomposition products for the mold. If this occurs, the mold 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

Maxisil contains fungicidal (mold-resistant) properties in all its silicone sealant products.

By using a fungicidal formulation, mold 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 mold/fungi.

## PREVENTION

The best means of prevention against mold on sealants is good ventilation, 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 mold spreads more vigorously under acid conditions.

If a mold attack occurs, as long as it is just limited to the surface (primary attack), it should be treated with anti-fungal spray. If the mold 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 mold on sealants is good ventilation, regular cleaning, and disinfection of the elastic joints.





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