

DESCRIPTION

The DOW CORNING Brand Primer Range is a series of surface treatments designed to enable DOW CORNING® Brand Silicone Sealants to achieve optimum adhesion to a wide range of substrates.

BENEFITS

Use of the primers has shown the following benefits when used with the indicated DOW CORNING silicone sealants:

- Optimizes adhesion of sealant to surface
- More rapid development of adhesion to surface

It is essential that all surfaces are clean, dry and free from contamination prior to the application of any primer or sealant.

For specific technical recommendations, contact your local Dow Corning Regional Service Center.

RANGE

The DOW CORNING Construction Primer Range consists of the following primers:

DOW CORNING® 1200 OS Primer
DOW CORNING® P Primer
DOW CORNING® Barrier Primer
DOW CORNING® 1205 Primer

DOW CORNING 1200 OS Primer

DESCRIPTION

DOW CORNING 1200 OS Primer is an air drying primer supplied as a dilute solution of moisture reactive materials in volatile siloxane.

TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications.

As supplied

- Color: Clear
- Specific gravity (ASTM D 1298): 0.82
- Viscosity at 25°C (77°F) (mPa.s): 1.0
- Non-volatile content: 5%
- Flash point - closed cup: 27°C (80.6°F)

After application

- Minimum sealant application time at 25°C (77°F): 15 minutes
- Maximum sealant application time at 25°C (77°F): 360 minutes

TECHNICAL DATA

- Packaging: 500ml container
- Application temperature: 5-35°C (41-95°F)

APPLICATIONS

DOW CORNING 1200 OS Primer is used to improve both the quality and speed of adhesion development to room temperature vulcanizing silicone sealants to a variety of common non-porous substrates.

APPLICATION METHOD

Surfaces to which primer will be applied should be thoroughly cleaned by wiping using an appropriate solvent on a coarse lint-free cloth. Ensure surfaces are wiped dry immediately after cleaning. Please consult the relevant product information sheet for recommendations on cleaning products.

Prior to application, sufficient primer should always be transferred to a working container and not used directly from the original container. Do not decant more primer than can be used in one hour. This procedure will prevent wastage and contamination of the bulk material.

DOW CORNING 1200 OS Primer should be applied using a lint-free cloth to form a thin film on the surface of the substrate. Excessive over-application of the primer will cause the formation of a white powder that will impair the adhesion of the sealant. Should this occur, it will be necessary to reclean the surface and reapply the primer.

After application of the primer, working containers should be cleaned with an appropriate solvent. Any unused primer that has been decanted should be discarded in an appropriate manner and not returned to the original container.

HANDLING PRECAUTIONS

The following points should be taken into account when using DOW CORNING 1200 OS Primer:

- Flammable
- Avoid contact with skin and eyes
- Use only in well ventilated areas

USABLE LIFE AND STORAGE

Containers should be kept tightly sealed when not in use. The primer hydrolyses upon contact with air moisture, and prolonged exposure will reduce or destroy its effectiveness.

Once hydrolyzed, indicated by a white precipitate or milky appearance, the primer cannot be reclaimed and will contaminate any unreacted primer with which it is mixed.

When stored between 5°C (41°F) and 30°C (86°F) in the original unopened containers, this product has a usable life of 18 months from the date of production.

DOW CORNING P Primer

DESCRIPTION

DOW CORNING P Primer is an air drying primer supplied as a solution of reactive materials in solvent.

TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications.

As supplied

- Color: Clear
- Specific gravity (ASTM D 1298): 0.95
- Viscosity at 25°C (77°F) (mPa.s): 200
- Flash point - closed cup: 8°C (46.4°F)

After application

- Minimum sealant application time at 25°C (77°F): 30 minutes
- Maximum sealant application time at 25°C (77°F): 120 minutes

TECHNICAL DATA

- Packaging: 500ml container
- Application temperature: 5-30°C (41-86°F)

APPLICATIONS

DOW CORNING P Primer is designed to promote the adhesion of room temperature vulcanizing silicone sealants to porous surfaces.

APPLICATION METHOD

Surfaces to which primer will be applied should be thoroughly cleaned by first brushing away any loose material and then, using abrasive techniques, clean the surface area to be primed. Ensure surfaces are dry and dust-free after cleaning. Please consult the relevant product information sheet for recommendations on cleaning products.

Prior to application, sufficient primer should always be transferred to a working container and not used directly from the original container. Do not decant more primer than can be used in one hour. This procedure will prevent wastage and contamination of the bulk material.

DOW CORNING P Primer should be applied using a brush to form a continuous thin film on the surface of the substrate. After application of the primer, brushes and working containers should be cleaned with an appropriate solvent. Any unused primer that has been decanted should be discarded in an appropriate manner and not returned to the original container.

HANDLING PRECAUTIONS

The following points should be taken into account when using DOW CORNING P Primer:

- Highly flammable
- Harmful by inhalation

- Keep away from sources of ignition - no smoking
- Take precautionary measures against static discharges
- Avoid contact with skin and eyes
- Use only in well ventilated areas

USABLE LIFE AND STORAGE

When stored between 5°C (41°F) and 30°C (86°F) in the original unopened containers, this product has a usable life of 9 months from the date of production.

DOW CORNING Barrier Primer

DESCRIPTION

DOW CORNING Barrier Primer is a two-component, chemically curing primer supplied in two pre-measured quantities for mixing prior to use.

TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications.

As Supplied - Part A

- Color: Pale yellow
- Specific gravity (ASTM D 1298): 1.0
- Viscosity at 25°C (77°F) (mPa.s): 1000
- Flash point - closed cup: 35°C (95°F)

As Supplied - Part B

- Color: Pale yellow
- Specific gravity (ASTM D 1298): 1.0
- Viscosity at 25°C (77°F) (mPa.s): 5000
- Flash point - closed cup: 35°C (95°F)

As mixed

- Mix ratio (by volume): 1:1
- Working life at 25°C (77°F): 360 minutes

After application

- Minimum sealant application time at 25°C (77°F): 60 minutes, or when surface is tack-free
- Maximum sealant application time at 25°C (77°F): 360 minutes

TECHNICAL DATA

- Packaging:
500ml in 1000ml container Part A
500ml in 1000ml container Part B
- Application temperature: 5-30°C (41-86°F)

APPLICATIONS

DOW CORNING Barrier Primer is designed to promote the adhesion of room temperature vulcanizing silicone sealants to porous surfaces particularly where the surfaces are friable or prolonged water immersion is expected.

APPLICATION METHOD

Surfaces to which primer will be applied should be thoroughly cleaned by first brushing away any loose material and then, using abrasive techniques, clean the surface area to be primed. Ensure surfaces are dry and dust-free after cleaning. Please consult the relevant product information sheet for recommendations on cleaning products.

When using DOW CORNING Barrier Primer the procedure is slightly different after cleaning the surfaces. The Part A and Part B containers should be opened and then all of the Part A poured into the Part B container. The lid of the Part B container should then be replaced and the contents mixed thoroughly by shaking the container for at least 2 minutes.

The DOW CORNING Barrier Primer is then ready for use and has a working life of 6 hours from the time of mixing.

DOW CORNING Barrier Primer should be applied using a brush to form a continuous thin film on the surface of the substrate. After application of the primer, brushes and working containers should be cleaned with an appropriate solvent. Any unused primer that has been decanted should be discarded in an appropriate manner.

HANDLING PRECAUTIONS

The following should be taken into account when using DOW CORNING Barrier primer:

- Flammable
- Do not breathe vapor
- Avoid contact with skin and eyes
- Use only in well ventilated areas

USABLE LIFE AND STORAGE

When stored between 5°C (41°F) and 30°C (86°F) in the original unopened containers, this product has a usable life of 12 months from the date of production.

Primers available to special order

DOW CORNING 1205 Primer

DESCRIPTION

DOW CORNING 1205 Primer is an air drying primer supplied as a dilute solution of reactive materials in solvent.

TYPICAL PROPERTIES

Specification writers: These values are not intended for use in preparing specifications.

As supplied

- Color: Clear
- Specific gravity (ASTM D 1298): 0.9
- Viscosity at 25°C (77°F) (mPa.s): 2.0
- Non-volatile content: 7%
- Flash point - closed cup: 5°C (41°F)

After application

- Minimum sealant application time at 25°C (77°F): 30 minutes
- Maximum sealant application time at 25°C (77°F): 360 minutes

TECHNICAL DATA

- Packaging: 500ml container
- Application temperature: 5-35°C (41-95°F)

APPLICATIONS

DOW CORNING 1205 Primer is used to improve both the quality and speed of adhesion development of room temperature vulcanizing silicone sealants to various substrates, particularly plastics.

APPLICATION METHOD

Surfaces to which primer will be applied should be thoroughly cleaned using an appropriate solvent on a coarse lint-free cloth. Please ensure that the cleaning solvent selected does not affect any plastic surfaces. Surfaces should be wiped dry immediately after cleaning. Please consult the relevant product information sheet for recommendations on cleaning products.

Prior to application, sufficient primer should always be transferred to a working container and not used directly from the original container. Do not decant more primer than can be used in one hour. This procedure will prevent wastage and contamination of the bulk material.

DOW CORNING 1205 Primer should be

applied using a lint-free cloth to form a thin film on the surface of the substrate. If more suitable, a brush may be used to apply this primer, but care has to be taken to avoid over application.

After application of the primer, brushes and working containers should be cleaned with an appropriate solvent. Any unused primer that has been decanted should be discarded in an appropriate manner and not returned to the original container.

HANDLING PRECAUTIONS

The following points should be taken into account when using DOW CORNING 1205 Primer:

- Highly flammable
- Harmful by inhalation
- Do not breathe vapor
- Take precautionary measures against static discharges
- Avoid contact with skin and eyes
- Use only in well ventilated areas

USABLE LIFE AND STORAGE

When stored between 5°C (41°F) and 30°C (86°F) in the original unopened containers, this product has a usable life of 2 months from the date of production.

HANDLING PRECAUTIONS

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEETS AND CONTAINER LABELS FOR SAFE USE, PHYSICAL AND HEALTH HAZARD INFORMATION. THE SAFETY DATA SHEET IS AVAILABLE FROM YOUR LOCAL DOW CORNING SALES REPRESENTATIVE.

HEALTH AND ENVIRONMENTAL INFORMATION

To support customers in their product safety needs, Dow Corning has an extensive Product Stewardship organization and a team of Health, Environment and Regulatory Affairs specialists available in each area.

For further information, please consult your local Dow Corning representative.

<i>Surface</i>	<i>Surface cleaning</i>	<i>DOW CORNING® 767 Marble Silicone</i>	<i>DOW CORNING® 781 Acetoxy Silicone</i>	<i>DOW CORNING® 784 Glazing Silicone</i>	<i>DOW CORNING® 785 Sanitary Silicone</i>
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Masonry

Concrete mortars ¹	Remove all loose particles & dust	P*	Not recommended	Not recommended	Not recommended
Brick ¹	Remove all loose particles & dust	Test/P*	Not recommended	Not recommended	Not recommended
Granite ¹	Remove all loose particles & dust	Test/P*	Not recommended	Not recommended	Not recommended
G.R.C ¹	Abrade, remove loose particles & dust	Barrier*	Not recommended	Not recommended	Not recommended
Marble ¹	Remove all loose particles & dust	Test/1200*	Not recommended	Not recommended	Not recommended
Limestone ¹	Remove all loose particles & dust	Test/P*	Not recommended	Not recommended	Not recommended
Sandstone ¹	Remove all loose particles & dust	Test/P*	Not recommended	Not recommended	Not recommended

Metals

Aluminium - mill finished	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Aluminium - anodised	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Lead	Remove oxide by abrasion and degrease	Test/1200*	Not recommended	Not recommended	Not recommended
Mild steel	Remove oxide by abrasion and degrease	Test/1200*	Not recommended	Not recommended	Not recommended
Stainless steel	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Galvanised steel	Degrease	Test/1200*	Not recommended	Not recommended	Not recommended
Copper	Remove oxide by abrasion and degrease	Test/1200*	Not recommended	Not recommended	Not recommended

Plastics

PVC-U ³	Degrease	Not recommended	Test/1205*	Test/1205*	Test/1205*
Plasticised PVC ³	Degrease	Not recommended	Test/1205*	Test/1205*	Test/1205*
Molded nylon ³	Degrease	Not recommended	Not recommended	Not recommended	Not recommended
Acrylic ³	Degrease	Not recommended	Test/1200*	Test/1200*	Test/1200*
Polyester ³	Degrease	Test	Test/1200*	Test/1200*	Test/1200*
P.V.F2 ³	Degrease	Test	Test/1200*	Test/1200*	Test/1200*
Polycarbonate ³	Degrease	Not recommended	Not recommended	Not recommended	Not recommended

Coatings/paints

Acrylic ³	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Alkyd ³	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Silicone ³	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Polyurethane ³	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
P.V.F2 ^{1 3}	Degrease	Test/1200*	Test/1200*	Test/1200*	Test/1200*
Polyester powder ^{1 3}	Degrease	Test/none	Test/1200*	Test/1200*	Test/1200*

Rubber & Sealants

E.P.M.D. butyl neoprene ²	Degrease	Not recommended	Test/1205**	Test/1205*	Test/1205*
Polyurethane ²	Degrease	Not recommended	Test/1205*	Test/1205*	Test/1205*
Polysulfide ²					
Acrylic ²					
Silicone ⁴	Degrease	Not recommended	No primer required	No primer required	No primer required

Glazed surfaces

Glass	Degrease	Not recommended	No primer required	No primer required	No primer required
Laminated/reflective glass	Degrease	Not recommended	For advice, contact Dow Corning	For advice, contact Dow Corning	For advice, contact Dow Corning
Glazed ceramic tiles	Degrease	Test	No primer required	No primer required	No primer required
Porcelain	Degrease	Not recommended	No primer required	No primer required	No primer required
Vitreous enamel	Degrease	Test	No primer required	No primer required	No primer required

Wood/wood finishes

Oak,pine	Degrease	Test	Test/1200*	Test/1200*	Test/1200*
Teak	Degrease	Test	Barrier*	Barrier*	Barrier*
Stained timber/micro-porous finish	Degrease	Test	Test/1200*	Test/1200*	Test/1200*

*Legend

1200 = DOW CORNING 1200 OS Primer

P = DOW CORNING P Primer

Barrier = DOW CORNING Barrier Primer

1205 = DOW CORNING 1205 Primer

DOW CORNING® 787 Glass & Metal	DOW CORNING® 794 Plastics & Glass Silicone	DOW CORNING® 796 PVC-U, Wood & Aluminium Silicone	DOW CORNING® 797 Weatherproofing Silicone	DOW CORNING® 798 Cold & Clean Room Silicone	<i>Surface</i>
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Masonry

Not recommended	P*	P*	Test/P*	P*	Concrete mortars ¹
Not recommended	No primer required	No primer required	No primer required	No primer required	Brick ¹
Not recommended	Test/1200*	Test/1200*	No primer required	Test/1200*	Granite ¹
Not recommended	Barrier*	Barrier*	Barrier*	Test/Barrier*	G.R.C ¹
Not recommended	Test/Barrier*	Test/Barrier*	Test/Barrier*	Test/Barrier*	Marble ¹
Not recommended	Test/Barrier*	Test/Barrier*	Test/Barrier*	Test/Barrier*	Limestone ¹
Not recommended	Test/Barrier*	Test/Barrier*	Test/Barrier*	Test/Barrier*	Sandstone ¹

Metals

Test/1200*	Test/1200*	No primer required	No primer required	No primer required	Aluminium - mill finished
Test/1200*	No primer required	No primer required	No primer required	No primer required	Aluminium - anodised
Not recommended	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Lead
Not recommended	Test/1200*	Test/1200*	No primer required	Test/1200*	Mild steel
Test/1200*	Test/1200*	Test/1200*	No primer required	Test/1200*	Stainless steel
Not recommended	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Galvanised steel
Not recommended	Test/1200*	No primer required	No primer required	Test/1200*	Copper

Plastics

Test/1205*	No primer required	No primer required	Test/1200*	No primer required	PVC-U ³
Test/1205*	Test/1200*	Test/1205*	Test/1205*	Test/1205*	Plasticised PVC ³
Not recommended	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Molded nylon ³
Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Acrylic ³
Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Polyester ³
Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	P.V.F2 ³
Not recommended	No primer required	No primer required	Test/1200*	Test/1200*	Polycarbonate ³

Coatings/paints

Test/1200*	No primer required	No primer required	No primer required	No primer required	Acrylic ³
Test/1200*	No primer required	No primer required	No primer required	No primer required	Alkyd ³
Test/1200*	No primer required	No primer required	No primer required	No primer required	Silicone ³
Test/1200*	No primer required	No primer required	No primer required	No primer required	Polyurethane ³
Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	P.V.F2 ^{1, 3}
Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Polyester powder ^{1, 3}

Rubber & Sealants

Test/1205*	Test/1205*	Test/1205*	Test/1205*	Test/1205*	E.P.M.D. butyl neoprene ²
Test/1205*	Test/1205*	Test/1205*	Test/1205*	Test/1205*	Polyurethane ²
					Polysulfide ²
					Acrylic ²
No primer required	No primer required	No primer required	No primer required	No primer required	Silicone ⁴

Glazed surfaces

No primer required	No primer required	No primer required	No primer required	No primer required	Glass
For advice, contact Dow Corning	For advice, contact Dow Corning	For advice, contact Dow Corning	For advice, contact Dow Corning	For advice, contact Dow Corning	Laminated/reflective glass
No primer required	No primer required	No primer required	No primer required	No primer required	Glazed ceramic tiles
No primer required	No primer required	No primer required	No primer required	No primer required	Porcelain
No primer required	Test/1200*	No primer required	Test/1200*	Test/1200*	Vitreous enamel

Wood/wood finishes

Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Oak, pine
Barrier*	Barrier*	Barrier*	Barrier*	Barrier*	Teak
Test/1200*	Test/1200*	Test/1200*	Test/1200*	Test/1200*	Stained timber/micro-porous finish

¹ Natural variability in surface finishes and color can affect adhesion to these substrates. For further technical assistance, please contact your local Dow Corning Regional Service Center.

² Compatibility testing of these elastomers may be required before application of Dow Corning Brand sealants.

³ Before use of a solvent on plastics or coatings, it should be ensured that the solvent is compatible and will not damage the substrate.

⁴ In situations where acid curing silicones are placed adjacent to neutral curing silicones, adhesion of the neutral silicone may be impaired. Please contact your local Dow Corning Regional Service Center for technical assistance.

<i>Surface</i>	<i>Surface cleaning</i>	<i>DOW CORNING® 811 Sanitary & Tiles Silicone</i>	<i>DOW CORNING® 812 Construction & Sanitary Silicone</i>	<i>DOW CORNING® 813 Construction & Concrete Silicone</i>
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Masonry

Concrete mortars ¹	Remove all loose particles & dust	Not recommended	Test/P*	P*
Brick ¹	Remove all loose particles & dust	Test	Test/P*	No primer required
Granite ¹	Remove all loose particles & dust	Not recommended	Test/Barrier* - 1200*	Test/1200*
G.R.C ¹	Abrade, remove loose particles & dust	Not recommended	Test/Barrier*	Barrier*
Marble ¹	Remove all loose particles & dust	Not recommended	Barrier*	Test/Barrier*
Limestone ¹	Remove all loose particles & dust	Not recommended	Barrier*	Test/Barrier*
Sandstone ¹	Remove all loose particles & dust	Not recommended	Barrier*	Test/Barrier*

Metals

Aluminium - mill finished	Degrease	Test/1200*	Test/1200*	No primer required
Aluminium - anodised	Degrease	Test/1200*	No primer required	No primer required
Lead	Remove oxide by abrasion and degrease	Not recommended	Test/1200*	Test/1200*
Mild steel	Remove oxide by abrasion and degrease	Not recommended	Test/1200*	Test/1200*
Stainless steel	Degrease	1200*	1200*	Test/1200*
Galvanised steel	Degrease	Not recommended	Test/1200*	Test/1200*
Copper	Remove oxide by abrasion and degrease	Not recommended	Test/1200*	No primer required

Plastics

PVC-U ³	Degrease	Test/1200* - 1205*	No primer required	No primer required
Plasticised PVC ³	Degrease	Test/1200* - 1205*	Test	Test/1200*
Molded Nylon ³	Degrease	Not recommended	Test/1200*	Test/1200*
Acrylic ³	Degrease	Test/1200*	Test/1200*	Test/1200*
Polyester ³	Degrease	Test/1200*	No primer required	Test/1200*
P.V.F2 ³	Degrease	1200*/1205*	Test/1200* - 1205*	Test/1200*
Polycarbonate ³	Degrease	Not recommended	No primer required	No primer required

Coatings/paints

Acrylic ³	Degrease	Test/1200*	No primer required	No primer required
Alkyd ³	Degrease	Test/1200*	No primer required	No primer required
Silicone ³	Degrease	Not recommended	Test	No primer required
Polyurethane ³	Degrease	Test/1200*	No primer required	No primer required
P.V.F2 ^{1 3}	Degrease	1200*	Test/1200*	Test/1200*
Polyester Powder ^{1 3}	Degrease	Test/1200*	Test/1200*	Test/1200*

Rubber & Sealants

E.P.M.D. butyl neoprene ²	Degrease	Not recommended	Not recommended	Test/1205*
Polyurethane ²	Degrease	Not recommended	Not recommended	Test/1205*
Polysulfide ²				
Acrylic ²				
Silicone ⁴	Degrease	Not recommended	Test	No primer required

Glazed surfaces

Glass	Degrease	No primer required	No primer required	No primer required
Laminated/reflective glass	Degrease	Not recommended	No primer required	For advice, contact Dow Corning
Glazed ceramic tiles	Degrease	No primer required	No primer required	No primer required
Porcelain	Degrease	No primer required	No primer required	No primer required
Vitreous enamel	Degrease	Test/1200*	Test/1200*	No primer required

Wood/wood finishes

Oak, pine	Degrease	Not recommended	Test/1200*	Test/1200*
Teak	Degrease	Not recommended	Test/Barrier*	Barrier*
Stained timber/micro-porous finish	Degrease	Not recommended	Test	Test/1200*

*Legend

1200 = DOW CORNING 1200 OS Primer

P = DOW CORNING P Primer

Barrier = DOW CORNING Barrier Primer

1205 = DOW CORNING 1205 Primer

DOW CORNING® 815 Pyrosil Fire Resistant Silicone	DOW CORNING® 816 Heat Resistant Silicone	DOW CORNING® 817 Mirror Adhesive	DOW CORNING® 819 Window & Perimeter Silicone	DOW CORNING® 897 Natural Stone & Facade Silicone	<i>Surface</i>
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Masonry

Test/P*	Not recommended	Test/P*	Test	P*	Concrete mortars ¹
No primer required	Not recommended	No primer required	No primer required	Test/P*	Brick ¹
No primer required	Not recommended	Not recommended	Barrier*	Test/P or 1200*	Granite ¹
Barrier*	Not recommended	Not recommended	Test/Barrier*	Barrier*	G.R.C ¹
Test/Barrier*	Not recommended	Not recommended	Barrier*	Test/1200* or P	Marble ¹
Test/Barrier*	Not recommended	Not recommended	Barrier*	Test/P*	Limestone ¹
Test/Barrier*	Not recommended	Not recommended	Barrier*	Test/P*	Sandstone ¹

Metals

No primer required	Test/1200*	No primer required	Test	Test/1200*	Aluminium - mill finished
No primer required	Test/1200*	No primer required	No primer required	Test/1200*	Aluminium - anodised
Test/1200*	Not recommended	Test/1200*	Test	Test/1200*	Lead
No primer required	Not recommended	Test/1200*	Test	Test/1200*	Mild steel
No primer required	Test/1200*	Test/1200*	1200*	Test/1200*	Stainless steel
Test/1200*	Not recommended	Test/1200*	Test/1200*	Test/1200*	Galvanised steel
No primer required	Not recommended	Test/1200*	Test/1200*	Test/1200*	Copper

Plastics

Test/1200*	Not Applicable	No primer required	No primer required	Test/1200*	PVC-U ³
Test/1200*	Not Applicable	Not recommended	Test	Test/1200*	Plasticised PVC ³
Test/1200*	Not Applicable	Not recommended	Test/1200*	Test/1200*	Molded Nylon ³
Test/1200*	Not Applicable	Not recommended	Test/1200*	Test/1200*	Acrylic ³
Test/1200*	Not Applicable	Not recommended	No primer required	Test/1200*	Polyester ³
Test/1200*	Not Applicable	Not recommended	Test/1200*	Test/1200*	P.V.F2 ³
Test/1200*	Not Applicable	Not recommended	No primer required	Test/1200*	Polycarbonate ³

Coatings/paints

No primer required	Not Applicable	No primer required	No primer required	Test/1200*	Acrylic ³
No primer required	Not Applicable	No primer required	No primer required	Test/1200*	Alkyd ³
No primer required	Not Applicable	No primer required	Test	Test/1200*	Silicone ³
No primer required	Not Applicable	No primer required	No primer required	Test/1200*	Polyurethane ³
Test/1200*	Not Applicable	Test/1200*	Test/1200*	No primer required	P.V.F2 ^{1 3}
Test/1200*	Not Applicable	Test/1200*	Test/1200*	Test/none	Polyester Powder ^{1 3}

Rubber & Sealants

Test/1205*	Not Applicable	Not recommended	Not recommended	Test/1205*	E.P.M.D. butyl neoprene ²
Test/1205*	Not Applicable	Not recommended	Not recommended	Test/1205*	Polyurethane ² Polysulfide ² Acrylic ²
No primer required	Not Applicable	No primer required	Test	Test/1205*	Silicone ⁴

Glazed surfaces

No primer required	No primer required	No primer required	No primer required	No primer required	Glass
For advice, contact Dow Corning	For advice, contact Dow Corning	Test	Test	Test	Laminated/reflective glass
No primer required	No primer required	No primer required	No primer required	No primer required	Glazed ceramic tiles
No primer required	No primer required	No primer required	No primer required	No primer required	Porcelain
Test/1200*	No primer required	Test/1200*	Test/1200*	Test	Vitreous enamel

Wood/wood finishes

Test/1200*	Not Applicable	Test	Test/1200*	Test/1200*	Oak, pine
Test/Barrier*	Not Applicable	Test	Test/Barrier*	Barrier*	Teak
Test/1200*	Not Applicable	Test	Test/1200*	Test/1200*	Stained timber/micro-porous finish

¹ Natural variability in surface finishes and color can affect adhesion to these substrates. For further technical assistance, please contact your local Dow Corning Regional Service Center.

² Compatibility testing of these elastomers may be required before application of Dow Corning Brand sealants.

³ Before use of a solvent on plastics or coatings, it should be ensured that the solvent is compatible and will not damage the substrate.

⁴ In situations where acid curing silicones are placed adjacent to neutral curing silicones, adhesion of the neutral silicone may be impaired. Please contact your local Dow Corning Regional Service Center for technical assistance.

How To Contact Us

Dow Corning has sales offices, manufacturing sites, as well as science and technology laboratories, around the globe. Telephone numbers of locations near you are available on the world wide web at www.dowcorning.com, or by calling one of our primary location listed below.

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