Technical Data Sheet

TOP GUN

TOP GUN 200
SILICONIZED ACRYLIC SEALANT
ELASTOMERIC SEALANT; LATEX

C1414 Interior and exterior

Product Description

TOP GUN 200 Siliconized Acrylic Sealant is a premium sealant for interior and exterior use. Top Gun 200 provides excellent adhesion to wood, drywall, masonry, glass, PVC, vinyl siding, fibreglass and many plastics and metals. Top Gun 200 is ideal for a variety of applications, including door casings & jambs, baseboards, window frames, vents, siding joints, pipe openings, mouldings, air conditioner openings, and thresholds.

Recommended uses

Around baseboards, crown mouldings and other mouldings.
Around siding, door and window frames.

Surfaces

Multipurpose with an excellent adhesion on many construction materials.

Can be used on various substrates for a variety of applications.

Features & Benefits

- Ready for use and easy to apply.
- Dries rapidly and has only very little odour.
- Provides a flexible durable seal.
- Can be applied on vertical, horizontal or overhanging surfaces without subsiding or sagging.
- Water-based product which allows tool clean-up with water.
- Contains fungicide: the cured sealant is mildew resistant.

Colour choice and appearance

ALMOND: C1414A
BROWN: C1414B
CLEAR: C1414C
GREY: C1414G

Homogeneous paste without lumps, easy to use.

Application tool

Caulking gun.

Certifications

Exceeds the minimum requirements of the specification ASTM C-834, Grade 0°C.

Notes

Not intended around showers or bathtubs.
Not intended for continuous underwater joint or below grade use.

Cannot be sanded.

Not for use in installing shower doors.
Do not use on floor joints where abrasion will occur.
Not for food contact surfaces.

Paint application before the recommended drying times can result in cracking of the paint.

Does not adhere to polyethylene, polypropylene, recycled plastic, Teflon or other comparable materials.

Do not use on bare ferrous metal or on frozen or damp surfaces.
Not for use on areas where silicone was previously applied.
Make sure the joint variation does not exceed the product's elasticity.
KEEP FROM FREEZING.

Surface Preparation

Surfaces to be caulked must be clean, solid and dry.

Remove all dirt, dust, oil, mildew, loose paint, old caulk and other surface contamination. Clean with an appropriate cleaner. Rinse the surface thoroughly and let dry completely.

Bare metal and exterior porous surfaces should be painted.

Application

Cut nozzle at a 45° angle. Bead should be between 3 mm and 13 mm.

Use a backer rod to avoid 3 point adhesion. Proper sealant dimensions for moving joints is 2:1 width to depth ratio.

Only apply when sealant, surface and air temperatures are inside application conditions range.

Immediately upon application, bead may be smoothed with finishing tool. The tooling can insure a firm contact to surfaces. DO NOT MAKE A CONCAVE SHAPE.

Clean up excess caulk with damp cloth before it dries. Allow sealant to cure 36 hours before exposing to water (longer in cool or humid conditions).

For more information, consult your retailer.

Application Conditions

Temperature: +5 to 45°C (40 to 115°F) (ideal 20°C ± 5°C [68°F ± 9°F]).
Relative humidity: Ideal between 15 and 50%, maximum 85%.
Outdoor: Surface must be at a temperature at least 3°C (5°F) higher than dew point. Do not apply in direct sunlight. Application conditions must be maintained during product application and drying. Apply when no rain is expected within 8 hours. Low temperatures extend drying time.

Cleaning

Remove as much product quantity as possible and clean tools with soap and lukewarm water immediately after use.

Surface Maintenance

Maintenance varies according to usage and place. Proper maintenance starts with visual inspection. To maintain the protective characteristics, damaged or deteriorated sealant joints must be repaired as soon as possible.

Storage and Transportation

Although it is stable at a limited number of freeze-thaw cycles, it is not recommended to let it freeze. Always store it in a dry place where the temperature is between 5°C (40°F) and 30°C (86°F). Under these conditions, the sealed tubes could be preserved for 24 months from date of purchase.

Disposal

Consult your municipality about proper disposal procedure of residue in accordance with the laws and respect the environment. Do not empty into drains.

Technical Specifications (21°C (70°F))

Composition

- Diluent: Water
- Binder: Siliconized acrylic polymer emulsion (latex)

Volatile Organic Compounds (VOCs)*

<1.5% by weight

According to ASTM D3960-05: < 50 g/L

Viscosity*

Ready to use

Density*

1.7 ± 0.1 kg/L

Solids by Volume*

71%

Solids by Weight*

83%

Flammability

Non-flammable under normal use conditions

Flash Point*

Not applicable

Freeze-thaw stability

Passes 5 cycles

(1 cycle = 16 hours at -18°C & 8 hours at 24°C)

Drying Time*

- Touch dry: 60 minutes
- Maximum tooling time: 10 to 15 minutes
- Before painting: 4 to 6 hours
- Prior to withstanding light rain: 8 hours
- Prior to withstanding heavy rain: 24 hours

When relative humidity is higher than 50%, double the required drying time.

Service range

Minimum: -18°C (0°F)
Maximum: 50°C (122°F)

Yield per tube

5 mm X 5 mm: 15 to 19 linear m
6 mm X 6 mm: 11 to 13 linear m
5 mm X 10 mm: 8 to 10 linear m
6 mm X 12 mm: 5 to 7 linear m

3/16 in X 3/16 in: 55 to 69 linear ft.
1/4 in X 1/4 in: 31 to 39 linear ft.
3/16 in X 3/8 in: 28 to 34 linear ft.
1/4 in X 1/2 in: 15 to 19 linear ft.

**Technical data source: C1414G*

Safety Measures

Read the Material Safety Data Sheet. Keep out of reach of children. MAY BE HARMFUL IF SWALLOWED. MAY CAUSE SKIN AND EYE IRRITATION. Avoid contact with skin and eyes. Wear protective gloves/clothing and eye/face protection.

FIRST AID TREATMENT: If swallowed, call a Poison Control Centre or doctor immediately. If in eyes or on skin, rinse well with water. If breathed in, move person to fresh air.

Warranty

PPG Architectural Coatings Canada, Inc. warrants your complete satisfaction, when our product has been applied and maintained according to label directions. This Satisfaction guarantee is non-transferable. The manufacturer does not warrant against problems with the product caused by factors beyond its control, such as structural defects, improper application, etc. If not satisfied as warranted, return the unused portion along with sales receipt to place of purchase. You will receive as your exclusive remedy either a refund of the price paid for the product or replacement with product of equal value. This warranty specifically excludes labour or costs of labour for the removal or application of any paint and indirect, special, consequential, incidental damages.

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