

NOVABOND

Hybrid Construction Sealant

NovaBond Hybrid Construction Sealant is an all-weather, paintable hybrid formulation that stays flexible and is resistant to shrinking and cracking. NovaBond applies well in temperatures ranging from -10°F to 160°F and will not sag or slump. The cured sealant is waterproof and UV and mold/mildew resistant. It remains permanently flexible, maintaining joint movement of +/- 35%.

NovaBond Hybrid Construction Sealant is tack free in 15-45 minutes, paintable in 1 hour, and completely cured in 5-7 days (depending on temperature, humidity, and thickness).



- Single Component RTV
- Great for interior and exterior sealing
- Will not sag or slump
- Excellent tooling properties
- Can be painted/top coated in 1 hour
- Excellent weathering properties
- Joint movement +/- 35%
- No shrinking or cracking
- Resists dirt pickup
- UV and mold/mildew resistant
- Applies vertically and overhead
- Safe to use indoors - no odor
- No solvents (50-state VOC compliant)
- No special tools or mixing
- Durable, long-lasting seal
- Bonds to a variety of substrates without priming



NovaBond Hybrid Construction Sealant functions as a hybrid adhesive sealant, which develops a bond to most substrates without the use of a primer. This ready-to-use single-component compound is typically used as an adhesive to bond dissimilar materials, as a sealant for creating formed in-place gaskets, or a multitude of other applications.

Recommended for Sealing: Siding, trim, windows, doors, flashings, weather sealing, pre-cast concrete, masonry, roofing details, stucco, fiber cement, and asphalt shingles.

Adheres to:

- | | | |
|-------------------|--------------------|--------------------|
| • Vinyl | • Metal | • Asphalt Shingles |
| • Aluminum | • Plastic | • Concrete |
| • Wood | • Painted steel | • Masonry |
| • Glass | • Slate | • Stone |
| • Fiber Cement | • Clay Tile | • Brick |
| • Tile | • Stucco | • PVDF |
| • Drywall/Plaster | • Galvanized Metal | |

Color Match

NovaBond Hybrid Construction Sealant is color matched to over 55 industry standard colors for major siding, trim, window, and door manufacturer colors.

Visit novagard.com/color-match-product/novabond/ for our siding, trim, and door color cross reference tool.



Made in USA. Professional Grade.



TECHNICAL INFORMATION

Appearance: Smooth paste

Application Temperature: -10°F to 160°F

Service Temperature: -30°F to 200°F

Adhesion: Excellent to most common building materials

Consistency: Non-sag, non-slump

Bridging Ability: Excellent, bridges gaps to 3/8"

Gunning Ability: Easily gunned at all temperatures; excellent tooling properties

Durability: +/- 35% joint movement

Flexibility: -10°F

Water Resistance: Good. Not recommended for joints continuously submerged under water

Exterior Weathering: Very good

Aging: Very good

Not Recommended: For structural glazing applications or where abrasion and physical abuse are encountered

Freeze-Thaw Stable: Will not freeze

Odor: Low odor (<1% VOC)

Skin Time: 15-45 minutes
(77°F/50% relative humidity)

Cure Through Time: 7 days
(77°F/50% relative humidity)

NOVAGARD
SILICONE | HYBRIDS | FOAM

5109 Hamilton Avenue
Cleveland, OH 44114 USA
(216) 881-8111 | (800) 380-0138
(216) 881-6977 fax
novagard.com

ISO 9001:2015 QMS (with Design)
IATF 16949:2016 QMS (with Design)
Certified Women's Business Enterprise

Effective Date: March 2020-v2.8

NOVABOND

Hybrid Construction Sealant

Product Specifications

Physical Property	Test Method	Performance Range
Appearance		Various Colors
Skin Over Time	3/8" @ 50% RH & 77°F	15-45 Minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days

Typical Properties*

Physical Property	Test Method	Typical Value
Specific Gravity		1.4 - 1.5
Tensile Strength	ASTM D412	300 psi
Elongation	ASTM D412	300%
Shore Hardness	ASTM D2240	45 +/- 5
Adhesion Glass Aluminum Wood PVC	ASTM D903	13 pli 15 pli 15 pli 14 pli
Joint Movement	ASTM C719	+/- 35
UV Exposure	ASTM G154 (2,000 hours UV-A)	Pass

*The values outlined reflect testing that was conducted on laboratory prepared specimens, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

Packaging Information

NovaBond Hybrid Construction Sealant is available in 10 ounce cartridges, 20 ounce sausage packs, 5 gallon pails, and 55 gallon drums.

Specifications

Meets or exceeds the performance characteristics of ASTM C-920, Type S, Grade NS, Class 35, use NT, M, G, A, and O. AAMA 802.3 (II), 803.3 (I), 805.2 C, 808.3

Disposal

Consult and obey all applicable local, state, and federal regulations. For additional information, consult product Safety Data Sheet.

Precautions

Do not use in, or around, highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

Professional Grade

Proudly made in
Cleveland, Ohio





- Single Component RTV
- Great for interior and exterior sealing
- Will not sag or slump
- Excellent tooling properties
- Can be painted/top coated in 1 hour
- Excellent weathering properties
- Joint movement +/- 25%
- No shrinking or cracking
- Resists dirt pickup
- UV and mold/mildew resistant
- Applies vertically and overhead
- Safe to use indoors - no odor
- No solvents (50-state VOC compliant)
- No special tools or mixing
- Durable, long-lasting seal
- Bonds to a variety of substrates without priming



NOVA BOND[®] TXtured

Textured Hybrid Construction Sealant

NovaBond Textured Hybrid Construction Sealant is an all-weather, paintable hybrid formulation that stays flexible and is resistant to shrinking and cracking. Its textured appearance complements coarse surfaces such as mortar, brick, stone, concrete, asphalt, and stucco. NovaBond Textured Sealant applies well in temperatures ranging from -10° F to 160° F and will not sag or slump. The cured sealant is waterproof and UV and mold/mildew resistant. It remains permanently flexible, maintaining joint movement of +/- 25%.

NovaBond Textured Hybrid Construction Sealant is tack free in 15-45 minutes, paintable in 1 hour, and completely cured in 5-7 days (depending on temperature, humidity, and thickness).



NovaBond Textured Hybrid Construction Sealant functions as a hybrid adhesive sealant, which develops a bond to most substrates without the use of a primer. This ready-to-use single-component compound is typically used as an adhesive to bond dissimilar materials, as a sealant for creating formed-in-place gaskets, or a multitude of other applications.

Recommended for Sealing: Siding, trim, windows, doors, flashings, weather sealing, pre-cast concrete, masonry, roofing details, stucco, fiber cement, and asphalt shingles.

Adheres to:

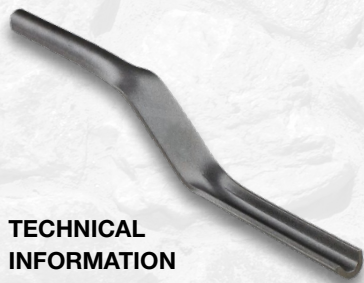
- | | | |
|-------------------|--------------------|--------------------|
| • Vinyl | • Metal | • Asphalt Shingles |
| • Aluminum | • Plastic | • Concrete |
| • Wood | • Painted steel | • Masonry |
| • Glass | • Slate | • Stone |
| • Fiber Cement | • Clay Tile | • Brick |
| • Tile | • Stucco | • PVDF |
| • Drywall/Plaster | • Galvanized Metal | |

Color Match

NovaBond Textured Hybrid Construction Sealant is available in standard mortar colors. Contact your representative for current color availability.

Visit novagard.com/novabond for your siding, trim, and door color cross reference tool.

Made in USA. Professional Grade.



TECHNICAL INFORMATION

Appearance: Textured paste

Application Temperature: -10°F to 160°F

Service Temperature: -30°F to 200°F

Adhesion: Excellent to most common building materials

Consistency: Non-sag, non-slump

Gunning Ability: Easily gunned at all temperatures

Durability: +/- 25% joint movement

Water Resistance: Good. Not recommended for joints continuously submerged under water

Exterior Weathering: Very good

Aging: Very good

Not Recommended: For structural glazing applications or where abrasion and physical abuse are encountered

Freeze-Thaw Stable: Will not freeze

Odor: Low odor (<1% VOC)

Skin Time: 15 - 45 minutes
(77°F/50% relative humidity)

Cure Through Time: 7 days
(77°F/50% relative humidity)

NOVA BOND^{TX}Ture

Textured Hybrid Construction Sealant

Product Specifications

Physical Property	Test Method	Performance Range
Appearance		Textured Paste
Skin Over Time	3/8" @ 50% RH & 77°F	15-45 Minutes
Through Cure	3/8" @ 50% RH & 77°F	7 days

Typical Properties*

Physical Property	Test Method	Typical Value
Specific Gravity		1.4 - 1.5
Tensile Strength	ASTM D412	220 psi
Elongation	ASTM D412	200%
Shore Hardness	ASTM D2240	45 +/- 5
Adhesion Aluminum Wood PVC	ASTM D903	15 pli 15 pli 14 pli
Joint Movement	ASTM C719	+/- 25

*The values outlined reflect testing that was conducted under laboratory conditions, actual results may vary. The information provided in the above table is not intended for use in preparing specifications. Please consult manufacturer for additional information.

Packaging Information

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Disposal

Consult and obey all applicable local, state, and federal regulations. For additional information, consult product Safety Data Sheet.

Precautions

Do not use in, or around, highly oxidative chemicals such as liquid oxygen, chlorine, or peroxides.

Professional Grade

NOVA GARD

Sealants | Foams | Coatings | Thermals

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ISO 9001:2015, IATF 16949:2016

Effective Date: September 2018

Made with pride in
Cleveland, Ohio

