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> Beko Silicon pro4 Premium 310ml GRAUBRAUN/NUSS User Manual

**beko K11994-021**

# Beko Silicon pro4 Premium 310ml GRAUBRAUN/NUSS User Manual

Brand: **beko** | Model: **K11994-021**

## 1. PRODUCT OVERVIEW

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The Beko Silicon pro4 Premium 310ml GRAUBRAUN/NUSS is a high-quality, neutral-curing silicone sealant designed for a wide range of sealing applications. This product is known for its durability, flexibility, and resistance to environmental factors.





Image 1.1: The Beko Silicon pro4 Premium 310ml product tube, showcasing its branding and key features.

## Key Features:

- **High-Quality Neutral-Curing Silicone:** Fungicidal (fungus-inhibiting), UV-, aging-, and color-resistant. Prevents edge zone discoloration, especially on natural stone.
- **Certified Quality:** Tested food quality by 'Institut ISEGA', compliant with DIN 18545 / ISO 11600, VSG test according to ift guideline DI-02/1. Suitable for HVAC systems (VDI 6022) and cleanroom applications.
- **Advanced Formulation:** Free from cutting waste and plasticizers, odorless, offers high adhesion, permanent elasticity, and excellent recovery capacity.
- **Versatile Application:** Adheres without primer to various non-corrosive substrates. Suitable for both indoor and outdoor use.
- **Broad Compatibility:** Ideal for glazing in windows and doors (wood and plastic), connection joints in bathrooms and kitchens, as a mirror adhesive, for sealing concrete and facade components, expansion joints on natural stone, and for vinyl floors.

## 2. SAFETY INFORMATION

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Always read the product label and safety data sheet before use. Adhere to the following general safety guidelines:

- **Ventilation:** Use in well-ventilated areas. If working indoors, ensure adequate air circulation.
- **Skin and Eye Contact:** Avoid direct contact with skin and eyes. Wear appropriate personal protective equipment (PPE) such as gloves and safety glasses. In case of contact, rinse immediately with plenty of water and seek medical advice if irritation persists.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.
- **Children and Pets:** Keep out of reach of children and pets. Store the product securely.
- **Disposal:** Dispose of product and packaging in accordance with local regulations. Do not dispose of down drains or into watercourses.

## 3. PREPARATION AND SETUP

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Proper preparation ensures optimal adhesion and a professional finish.

### 3.1 Surface Preparation

- Ensure all surfaces are clean, dry, and free from dust, grease, oil, and loose particles.
- Remove any old sealant or residue thoroughly.
- For porous surfaces, a primer may be beneficial, though this product often adheres without one. Test in an inconspicuous area if unsure.
- Mask off adjacent areas with painter's tape to ensure clean lines and protect surfaces from excess sealant.

### 3.2 Cartridge Preparation

1. Cut the tip of the cartridge nozzle at an angle (typically 45 degrees) to the desired bead size. Start with a smaller opening and enlarge if needed.
2. Puncture the inner seal of the cartridge using a sharp object or the built-in tool on your caulk gun.
3. Insert the cartridge into a standard caulk gun.

## 4. APPLICATION (OPERATING)

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Apply the sealant with steady pressure for an even and consistent bead.

### 4.1 Sealing Joints and Gaps

- Hold the caulk gun at a 45-degree angle to the joint.
- Apply continuous, even pressure to the trigger while moving the gun along the joint.
- Ensure the sealant fills the joint completely, making good contact with both surfaces.



Image 4.1: Application of Beko Silicon pro4 into a joint on a brick wall, demonstrating proper technique.



Image 4.2: Sealing a wooden frame with Beko Silicon pro4, highlighting its use in carpentry and window installations.



Image 4.3: Sealing a joint between a floor and a wall, showcasing the product's flexibility for various surfaces.

## 4.2 Smoothing the Bead

- Within 5-10 minutes of application (before skinning occurs), smooth the sealant bead using a wet finger, a specialized smoothing tool, or a damp cloth.
- Remove painter's tape immediately after smoothing, before the sealant fully cures, to prevent tearing the bead.

## 4.3 Curing Time

- Skinning time: Approximately 10-15 minutes (at 23°C and 50% relative humidity).

- Full cure time: Varies depending on bead thickness, temperature, and humidity. Typically 24-48 hours for a 5mm bead. Allow longer for thicker applications or cooler, more humid conditions.

## 5. MAINTENANCE AND CLEANING

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### 5.1 Cleaning Tools

- Clean tools and excess uncured sealant immediately with a suitable solvent (e.g., white spirit or silicone remover) or a damp cloth.
- Once cured, silicone is difficult to remove and usually requires mechanical removal or specialized silicone removers.

### 5.2 Storing Unused Product

- To store an opened cartridge, seal the nozzle tightly with a cap or by wrapping it with plastic film and tape.
- Store in a cool, dry place, away from direct sunlight and extreme temperatures.
- Check the expiration date on the cartridge before future use.

## 6. TROUBLESHOOTING

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Problem	Possible Cause	Solution
Poor Adhesion	Surface not clean, wet, or oily; incompatible substrate; insufficient sealant contact.	Ensure surfaces are thoroughly cleaned and dry. Test adhesion on an inconspicuous area. Apply sufficient sealant to ensure full contact.
Uneven Bead	Inconsistent pressure on caulk gun; incorrect nozzle cut angle; too fast application.	Apply steady, even pressure. Cut nozzle at a 45-degree angle appropriate for the joint size. Apply at a consistent, moderate speed.
Slow/No Curing	Low humidity; low temperature; excessive bead thickness.	Ensure adequate ventilation and humidity. Work within recommended temperature ranges. Apply sealant in appropriate bead sizes.
Mold/Mildew Growth	Persistent high humidity; poor ventilation; insufficient cleaning.	Ensure proper ventilation in humid areas. Clean surfaces regularly. This product is fungicidal, but extreme conditions can still lead to issues.

## 7. SPECIFICATIONS

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Attribute	Detail
Manufacturer	Beko
Model Number	K11994-021
Item Number	22433
Color	GRAUBRAUN/NUSS (Grey-brown/Nut)

Attribute	Detail
Material	Silicone
Form	Liquid
Package Quantity	1
Item Weight	437 g
Package Dimensions	22.7 x 5.9 x 4.9 cm
Special Properties	Strong, Fungicidal, UV-resistant, Aging-resistant, Color-stable, No edge zone discoloration, Plasticizer-free, Odorless, High adhesion, Permanently elastic, Excellent recovery capacity.
Suitable Materials	Concrete, Wood, Plastic, Natural Stone
Recommended Uses	Mirror adhesive, connection joints in bathrooms and kitchens, seals between concrete and facade components, vinyl floors, expansion joints on natural stone, glazing in windows and doors.
Included Components	Silicone cartridge
First Available Date	July 19, 2019

## 8. WARRANTY AND SUPPORT

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### 8.1 Warranty Information

Specific warranty details for the Beko Silicon pro4 Premium are not provided in this manual. For information regarding product warranty, please refer to the purchase documentation or contact the seller directly. Standard consumer rights and return policies apply as per local regulations.

### 8.2 Customer Support

For technical assistance, product inquiries, or support, please contact the manufacturer, Beko, or the authorized seller from whom you purchased the product. You may find contact information on the product packaging or the official Beko website.

Visit the Beko store on Amazon for more information: [Beko Store](#)

