

# KBNS / KBNV\*



Brushed

Matt  
BlackBrushed  
GoldChalk  
Stone

Granite

Bath  
StoneYork  
StoneSand  
StoneDark  
GraniteEarth  
StoneUrban  
Stone

Bronzite

## Product Description

Genesis KBNS/KBNV\* Niches are manufactured from Stainless Steel and aesthetically pleasing storage solution.

These niches offer superb resistance to principal chemical and atmospheric agents and are particularly recommended to protect steps in zones such as food processing industries, breweries, dairies, hospitals and external applications.

Its smooth and non-porous surface makes it especially difficult for the adhesion and survival of bacteria and/or other microorganisms.

\*LED Niches (KBNV) are supplied with 3000k Warm White LED(s) and a transformer.

## Maintenance

Advanced Cleaning for Stainless Steel Discoloration.

### Tarnish or Water Stains:

The first stage of corrosion is completely on the surface and is easily removed by most commercial metal polishes. Discoloration will be greater at indoor facilities due to the chlorine vapor trapped in an inside environment.

### Light Rusting:

Rust is visible at this stage but little or no pitting has yet occurred. A stronger cleaning agent, such as Simichrome Polish, is required.

### Heavy Rusting:

A deep coat of rust with surface pitting can develop if corrosion has been left unchecked for a long time. For advanced corrosion naval jelly is recommended.

### Surface Restoration:

To remove or reduce pitting damage caused by corrosion has been left unchecked for a long time. Scotchbrite works well for this purpose. Work only in the direction of the existing grain and never use steel wool.

## Installation

1. Cut an opening in the wall where the niche will be fitted. Refer to the technical drawing for the correct dimensions. When cutting the recess, allow an additional 5 mm in both height and width to accommodate installation tolerances. Always verify measurements against the physical product during this stage.
2. Install tiles on the surrounding wall surface, ensuring that the internal space for the niche is smooth and level
3. Apply a continuous bead of high-quality clear silicone sealant around the rear perimeter edge of the niche.
4. Carefully place the niche into the prepared wall recess, ensuring it is correctly aligned.
5. Use strong adhesive tape to hold the niche firmly against the wall while the sealant cures. Leave the tape in place for approximately 24 hours, then remove.

The installation is now complete.

## Technical Details

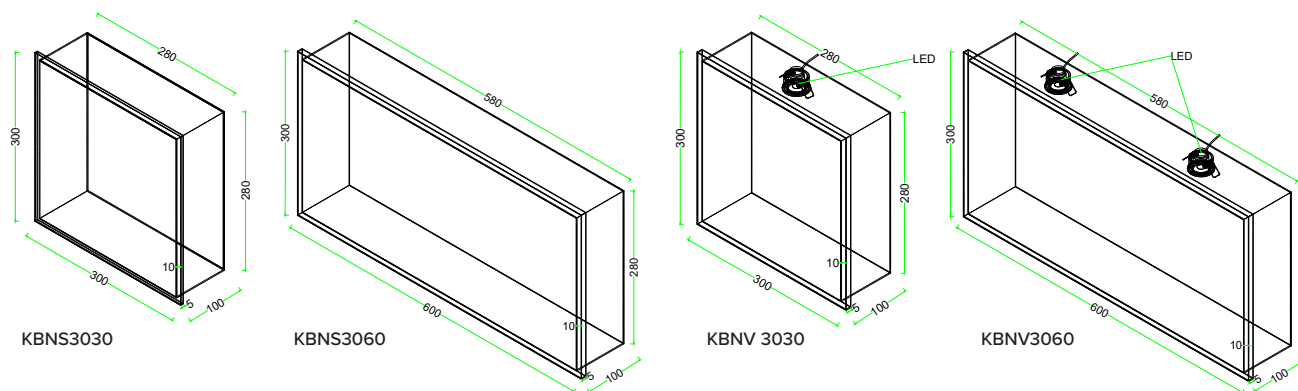
Stainless Steel is a corrosion resistant chromium/ nickel alloy steel that is strong and durable with excellent lustre. However, it is not rustproof, particularly in the harsh environment of a swimming pool. Chlorine and bromine used for sanitization are highly caustic chemicals for stainless steel and heat and humidity enhance the corrosiveness of these chemicals. Regular cleaning and wiping dry after use is the best way to prevent corrosion and add to the service life for your profiles and any other stainless steel equipment. The goal of your cleaning and maintenance program should be to keep the stainless steels protective Chromium oxide layer intact. This is what prevents corrosion. Varying Stages of contamination.

### Stainless Steel AISI 304 / DIN1.4301 Surface BA1

|     |         |
|-----|---------|
| C%  | 0.2-0.6 |
| Mn% | 2.0     |
| Si% | 0.1     |
| P%  | 0.75    |
| S%  | 0.045   |
| Cr% | 0.03    |
| Ni% | 18-20   |
| N%  | 10.5    |

## Dimensions

Height is 300mm, available lengths of 300 and 600mm. Depth is 100mm.



## Cleaning and Care

To maintain the finish and performance of stainless steel surfaces, iron-free cleaning products should be used.

Recommended cleaning tools include:

- A soft cloth or chamois/leather cloth
- A soft sponge (avoid abrasive or scouring sponges and steel wool)
- A dedicated stainless steel cleaner or a mild, non-abrasive cleaning solution