



# TECHNICAL DATA SHEET

## **NawTone-K**

Mineral Stain

**NawTone-K (Product Code MSS)** is an extremely durable aqueous mineral silicate-sol based stain for concrete and masonry surfaces. It penetrates and bonds to dense materials.



**Before**



**After**

The thin base keeps natural surfaces from being covered up, whilst providing the desired colour. Nawkaw colour technicians and accredited applicators custom blend light fast colorants and incorporate these in the formulation to achieve the natural colour finish required.

We customise the application and the degree of translucency to meet the aesthetic requirements whilst always maintaining the natural look. This product can be applied in colour densities from a wash of faint colour through to full opacity.

NawTone-K is very effective at blending away colour variations that naturally occur in the manufacture of concrete. This includes blending away unsightly or mismatching patch repairs and skim coat finishes.

### **Variation:**

NawTone KG (Product code MSS G) a semi-gloss version of NawTone-K for sharper colours and metallic finishes.

## Product Properties:

- Non-flammable
- Chemical bonds to surface
- Non-toxic
- Water based
- Resist algae, mould and soiling
- Permeable to water vapour
- Colour fast & durable
- Non-film forming
- Solvent free
- Water wash up

## Product Characteristics

**Specific Gravity:** 1.05-1.40g/mL  
(depending on the pigment loading)

**Flashpoint:** None

**Boiling Point:** 100°C

**Flammability Limits:** Non-Flammable

**Solubility:** Water Miscible

**pH:** Approx. 11

**VOC:** <1g / litre  
(Calculated according to the  
SCAQMDR 1168)

## Coverage Treatment Yield:

Approx. 4-14m<sup>2</sup> per litre depending on porosity of substrate formulation

## Limitations:

Not suitable for application on synthetic surfaces such as silicone, urethane, epoxy or plastic. Coating sets hard and is not flexible; not recommended for caulking joints.

## Surface Preparation:

Prior to application ensure substrate is clean & dry & free of dust. Remove loose and unstable material as a sound surface is required for external applications. Remove any excessive dirt and surface contaminants.

Test concrete surfaces by spray misting with water to ensure surface is ready to accept NawTone-K concrete stain. A ready surface will wet evenly and quickly. Any mould release residues remaining on the surface that prevent the concrete wetting are to be removed prior to NawTone-K application.

Mask and protect surfaces such as glass, metal, concrete and masonry.



Before



After

## Application Instructions:

NawTone-K can be applied by brush, roller, sponge and spray equipment. The choice of application technique will be dependent on the target colour finish to be achieved.

For translucent finishes, NawTone-K will be customised depending on the level of translucency required for the project, this may involve varying the number of applications required. For very translucent finishes and colour washes the stain may require dilution using NawTone K Fix. Opaque finishes may require 2 or 3 applications. NawTone-K should not be applied in very cold or hot conditions. Apply between 5°C and 35°C.

## Cleaning of Application Equipment:

Clean up of equipment should be completed with water before the products have been allowed to dry. Spills or overspray should be cleaned with water and not allowed to dry.



**Before**



**After**

## Packaging:

1L, 2L, 4L and 15L pails

## Safety Instructions:

Protect eyes and skin from contact with NawTone-K.

Do not swallow. Keep away from children. Refer SDS.

