



# 7637 Product Sheet

## Stone Coating for Monuments

High performance, water based coating offering exceptional oil-, water- and dirt-repellency, with easy to clean characteristics. For stone and high-quality concrete surfaces.

### Product Features

High-performance impregnating agent for stone and high-quality concrete products, such as: Statues, high value stone art works, paving-stone systems and terrace tiles - for reducing general surface contamination. Also allows for easier removal of graffiti.

- Water based high-performance coating
- **high density protective layer.**
- Long term protection due to chemical surface binding
- Anti-adhesion properties
- Highly oil-, water- and dirt-repellent
- Alkali-resistant until pH value 10-11\*
- Reduces lime efflorescence
- Protection against re-soiling, algae and moss
- Open to vapour diffusion
- Fast curing resulting in tack-free surface
- Highly UV-resistant
- Ready to use liquid which creates an undetectable layer (*The coatings is normally undetectable but on certain stones eg. black slate "colour enrichment" can occur. Colour enrichment is often a desirable outcome but not all end users seek colour enrichment.*)

\* please note that the max. pH-values of contact substances may vary depending to the kind of substrate and to the proper chemical connection with the substrate to be coated.

In general it is our recommendation to perform a product suitability test (under realistic conditions) in advance of an application. 7637 is slightly acidic adjusted (pH-value approx. 4).

The max. acidic pH-value for contact substances is about **3-4**. Below this value it's important to remove the contamination asap, otherwise the acid will damage the substrate.

Furthermore, it is generally very important to remove contaminations before they can dry on the surface.

### Technical Data

Appearance:	yellowish/ straw coloured liquid
Density:	approx. 1,0 g/cm <sup>3</sup>
Odour:	low odour
pH-value:	approx. 5
Shelf life:	12 months at 20 °C



## **Consumption & Application**

Read Safety Data Sheet (MSDS) before using.

Test on a small area or apply a test coat before application.

The treated surface must be absolutely dry and free from impurities. The processing temperature range is between +5°C and +30°C. **7637 Monuments protection** can be applied by brush, roller, micro-fibre cloth or spray application. Apply a thin and even layer until the surface becomes slightly moist. Avoid pooling of liquid. If pooling occurs disperse or remove the excess liquid.

It should be noted that some stones and concrete surfaces are highly absorbent and other stones and concrete are significantly less absorbent. In some instances one pass with a roller, spray or brush may be sufficient to protect a surface (eg. a low porosity substrate) in other instances two or more passes may be required.

With reference to spray application. The CCM Low Energy Spray system can be used as can an airless spraying system (operating pressure < 4 bar).

The impregnation is fully functional after the curing period (48h at room temperature). The curing time for highly porous stone (where deeper penetration has occurred) will vary slightly depending on the stone type and local environmental factors. Protect the impregnated surface against water, oil and dirt during the curing period. Follow the substrate manufacturer's instructions.

The coverage per litre is approximately 10m<sup>2</sup>-20m<sup>2</sup> (application-specific).

## **Instructions for product suitability**

Please check the product suitability under realistic (production) conditions, in advance of an application and adjust the optimal dosing quantity during a suitability test.

## **Safety Instructions**

The instructions on the accompanying Safety Data Sheet (MSDS) must always be followed.

## **Storage**

The instructions on the accompanying Safety Data Sheet (MSDS) must always be followed.

**7637 Monuments protection** should be stored in a dry and cool (max. 20°C), well ventilated place. Keep only in the tightly closed original container. Keep away from direct sunlight.

**7637 Monuments protection** can be kept for at least 12 months from the date of manufacture if stored appropriately.