Murasan Surface 610

Non-film forming impregnation for concrete goods

Key features

- non-film forming
- for dry side of production
- environmentally friendly
- transparent
- easy to clean surface
- preventing moss and algae growth
- hydrophobic
- no yellowing

Areas of application

- all concrete surfaces
- high-grade concrete goods
- dry side of production only

Application notes

Murasan Surface 610 is a non-film forming impregnation for all concrete surfaces, especially high-grade concrete goods such as paving blocks and tiles, slabs, terrazzo tiles, washed concrete, sandstone and clinker. When cured, it provides a long-lasting protection against conventional and aggressive pollutants.

Preventing liquid water from entering the concrete surface layers is the most effective solution for many different phenomena that can cause mechanical or visual damage. While non-film forming impregnations do not provide the same level of protection as film-forming coatings, they still prevent a variety of water-related damages without any changes to the concrete surface's structure and appearance. By repelling liquid water from entering the concrete, Murasan Surface 610 prevents the penetration of pollutants and aggressive water-soluble substances. It also significantly limits the ability of moss, algae and small plants to start growing on the surface. Any stains, even from oil and grease, food and drinks like coffee and wine can be easily washed off.

After application, Murasan Surface 610 doesn't only stay on the substrate but also penetrates into the open capillaries. The active substances in Murasan 610 then chemically react with the surface and after a short time period, all cured surfaces become highly hydrophobic. This so-called "lotus effect" causes all pollutants and contaminants to flow right off the surface.

For the best results, apply Murasan Surface 610 as uniformly as possible using a suitable spraying system. Murasan Surface 610 can be used only on the dry side of the production – after initial curing of the concrete products. Due to its chemical reaction, Murasan Surface 610 develops its full effect after 24-48 hours. Before application, it is necessary to remove any impurities such as oils, dirt, dust and other loose particles and also release and curing agents from the substrate. Murasan Surface 610 is resistant against UV radiation, does not yellow over time and does not change the visual appearance of the concrete surface.

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Technical properties of Murasan Surface 610			
Characteristic	**Unit**	**Value**	**Comments**
Density	kg/dm³	approx. 1.01	± 0.02 kg/dm³
Recommended consumption	g/m²	100 – 200	depends on the surface structure

Product characteristics	
Type of product	Surface impregnation
Name of product	Murasan Surface 610
Color	Colorless
State	Liquid
Storage	Store in sealed original packaging in dry environment. Protect from frost and direct sunlight. Shelf life 12 months when storage conditions are met.
Form of delivery	30 l can 200 l barrel 1000 l container

Issue 02/19. This data sheet has been technically revised. Previous versions are now duly superseded and may no longer be applied. Any further technically revised edition supersedes this version, rendering it null and void.

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