

# SMALTO ROYAL PAINT

## **SCHEDA TECNICA**

Revisione : 30/08/2023

Prodotto: **Smalto Royal Paint**

Categoria: Idropitture per Interni

Azienda: Loggia

### **General Characteristics**

Water-based acrylic enamel for interiors and exteriors, with high drying speed, non-yellowing, with a satin effect. It is odorless, non-flammable, non-toxic, ideal for application in closed environments. It is certified according to the UNI 11021:2002 standard and according to the VAA protocol

### **Application**

Finishing paint for wooden and iron, PVC, aluminum, but also for masonry surfaces. Suitable in environments where food is produced, processed and distributed. Smalto Royal paint complies with the UNI 11021:2002 standard "Paints and varnishes, Products and systems for painting environments with the presence of food" (test report n.032/2016 issued by TERMOTECH ECO srl) to ensure the compliance of the surfaces according to the HACCP protocol to prevent possible food contamination.

### **Preparation of the surface**



**New External Surfaces:** Make sure that the surface is perfectly dry and cured – no less than 4 weeks for civil plasters and 2 weeks for premixed plasters. If necessary, level any imperfections with an appropriate exterior mortar; sand clean surfaces, then apply a coat of FISSACRIL sealer and after 4-6 hours paint with two coats of Smalto Royal paint following the technical indications below.



**Painted External Surfaces:** Eliminate any traces of mold by brushing away the efflorescences after having treated them with acid. Then sanitize with a coat of MUFFACID. Remove flaky residues of old paint and, if necessary, fill and smooth imperfections with an appropriate mortar for exteriors; sand and clean surfaces, then apply a coat of FISSACRIL sealant and after 4-6 hours with two coats of Smalto Royal paint following the technical indications below. In case of very crumbling substrates, it is advisable to replace FISSACRIL with ISOL 45 solvent-based sealer.



**New internal surfaces:** Make sure that the substrate is perfectly dry and seasoned - no less than 4 weeks for civil plasters and 2 weeks for premixed plasters. If necessary fill any holes or imperfections with FLYSTUK and sand; clean the surfaces, then apply a coat of FISSACRIL sealer and after 4-6 hours paint with two coats of Smalto Royal paint following the technical indications below.

**Painted Internal Surfaces:** Eliminate any traces of mold by brushing off the efflorescences after having treated them with acid. Then sanitize with a coat of MUFFACID. Remove flaky residues of old paint and, if necessary, fill and smooth imperfections with FLYSTUK; sand and clean surfaces. Then apply a coat of FISSACRIL sealer and after 4-6 hours paint with two coats of Smalto Royal paint following the technical indications below.

**New Iron:** Make sure that the substrate is perfectly dry and free from traces of grease and oil, if not, clean the surface with solvent or an appropriate degreaser. With a steel brush or abrasive paper, remove calamine and rust where present; clean the surfaces to be painted, then apply two coats of antirust PROTEZIONE 3 and after 12-24 hours paint with two coats of Smalto Royal paint following the technical indications below.

**Painted Iron:** With a steel brush or abrasive paper, remove flaky residues of old paint and signs of oxidation; clean the surfaces to be repainted. If necessary, apply a coat of antirust PROTEZIONE 3 or, if the old paint is in good condition, directly one or two coats of Smalto Royal paint following the technical indications below. Rust that is difficult to remove can be passivated with RUGGINOX, both on new iron and on already painted iron.

**New Wood:** Make sure the surface is perfectly dry and seasoned. If necessary fill any holes or imperfections with FLYSTUK and sand; finally clean the surface. For very absorbent woods it is advisable to treat the surface with a coat of PRIMO LEGNO ALL'ACQUA impregnating agent and sand again with abrasive paper, then apply two coats of Smalto Royal paint following the technical indications below.

**Painted Wood:** With a brush or sandpaper, remove flaking residues of old paint and, if necessary, fill and smooth imperfections with FLYSTUK; sand and clean, then apply one or two coats of Smalto Royal paint following the technical instructions below.

To give greater fullness to both new and varnished wooden artefacts, it is recommended to apply one or two coats of CEMENT BLOCK ALL'ACQUA before Smalto Royal paint

## Application Methods



Brush and Roller: Dilute 3% with water for both the first and second coat. Wait 6-8 hours between one application and the next.



Spray: Dilute 5-10% with water for both the first and second coat. Wait 6-8 hours between one application and the next. Gun pressure 3-4 Atm, nozzle diameter 1.7-2 mm.



Airless: In airless applications the dilution varies depending on the equipment and pressure used. Indicative values: 5% dilution with water and 0.017-0.019 nozzles at a pressure of 120-150 Atm.

Application temperature:	+5 ÷ +35	°C
Relative humidity of application:	< 85%	
Recommended thickness:	30 ÷ 35	µm per coat
Dust dry:	0,5 ÷ 1	h
Repaintable after:	6 ÷ 8	h
Deep dry:	24	h
Tools cleaning:	water	

## Painting:

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The product is marketed in a wide range of colours, but can also be colored with the tinting system of the L'ANGELO line or with the universal colorants available on the market.

It is advisable to mix different manufacturing batches of the same color together to avoid possible differences in tone during application.

Specific weight:	1,1 ÷ 1,2	Kg/l
Viscosity:	18000 - 25000	cPs
Solid in weight:	52%	
Theoretical yield:	8 – 10	mq/l
Color:	White and Card Colors	
Appearance:	Satin	
Packaging:	0,750 - 2,5 - 5 - 14	l

## Storage:

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The unopened product, stored intact in a dry and cool place, has a storage life of not less than 24 months.

After use carefully close the package and store it upside down.



Minimum storage temperature: + 5 ° C

Maximum storage temperature: + 30 ° C

## Safety Precautions:

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For all information relating to the handling of the product as well as its correct disposal, please refer to the Safety Data Sheet.

## **Warnings**

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The information contained in this sheet is provided to the best of our technical knowledge. However, these indications and suggestions cannot have the value of a guarantee for the applicator, since the conditions of use of the product are beyond our direct control. It is therefore advisable to ascertain the suitability of the product for the specific case with preliminary tests.

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