

## TECHNICAL DATA SHEET

# SINTO 26

## High-performance synthetic enamel

**FEATURES**

A glossy enamel characterised by excellent gloss, fullness, flow, low tendency to dripping, characteristics that ensure a finish with uniform thickness, adequate edge coverage and quick painting. The enamel is formulated with light-stable colour pigments and modified synthetic alkyd resins in the solvent phase that provide high protection outdoors under conditions of strong exposure to weather and sunlight. It is suitable for indoor and outdoor painting systems.

**USAGE**

It is suitable for the decoration and protection of new or maintained substrates made of different materials, such as metal, wood, plastic, in rural, marine or industrial environments (door and window frames, railings, carpentry). To ensure good resistance over time, it is essential that the substrates are pre-treated with suitable primers.

In spray applications, care must be taken with thick coats to avoid excessively long drying times and wrinkling. Make sure the previous layer is well dried before overcoating; overcoat within 72 hours to ensure good adhesion of subsequent layers, otherwise sand between layers.

If the product has been stored at low temperatures, it is recommended to bring it to at least +15 °C before application.

Dust from sanding and/or spraying and dry paint residues must not be allowed to accumulate because they cause spontaneous combustion.

PRODUCT PROPERTIES	VALUE	METHOD
Operating temperature	< +100°C	
Solids by volume	55% ± 2	
Drying	Complete 24 h	Internal PF2

SPECIFICATIONS	VALUE	METHOD
Specific weight	875-975 g/l	Internal PF3
Gloss	80-90	Internal PF6

THICKNESS AND YIELD	Min	Max	Recommended
Dry film thickness, µm	40	60	45
Wet film thickness, µm	73	110	82
Theoretical yield, m²/l	13.7	9.1	12.2
Theoretical yield, m²/kg	12.5	8.3	11.1

**STORAGE**

The product is stable 1 year if stored in the original containers at a temperature between +5°C and +30°C.

**COLOUR**

The range of colours can be chosen from the RAL colour chart. Between one production run and the next, the hue may differ slightly, so it is necessary to finish the job with the same production run.

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### SURFACE PREPARATION

**General considerations:** the surface must be dry and clean of pollutants of various kinds such as dirt, oil, grease and salts

#### Coated surfaces

*With primer:* If clean and free of dirt, oil, grease, and if within the maximum primer overcoating time, the surface can be painted. If necessary, hydrowash grade Wa 2 (surface free of oil, grease, salts, dirt).

*With complete coating:* if compatible, intact and not flaking, clean from oil and grease with detergents; then carry out surface sanding followed by pressure washing to remove dust and salts.

*Rusty coating:* carry out mechanical preparation St2 or St3 followed by pressure washing to remove oil, grease, dust and salts or sandblasting Sa2 or Sa2.5; then restore primer thickness.

*Localised maintenance:* carry out mechanical preparation St2 or St3 followed by pressure washing to remove oil, grease, dust and salts or sandblasting Sa2 or Sa2.5. Round off the edges of well-anchored paint and restore the system to its original layers and thicknesses.

### TOOLS

Hair Roller, Brush, Spray

### APPLICATION

Dilution

Brush, hair roller: ready to use

Spray: 0-10% with Acquaragia VD100

Application Conditions

+5°C +40°C

>3°C at dew point

Relative humidity: <70%.

Conventional spray application method

Nozzle: 1.6 - 1.8 mm

Fan angle; 40 - 80°.

Air pressure: 3.5-4 kg/cm<sup>2</sup>

Washing thinner

Acquaragia VD100

### DRYING

The data provided should be regarded as purely indicative. The actual drying time may be shorter or longer, taking into account film thickness, ventilation and humidity. High layer thicknesses and unfavourable environmental conditions slow down drying and deep curing.

DFT 50 micron

Surface temperature

23°C

Dust free

60'

Dry to the touch

8h

Complete

24h

Overlap time min.

24h

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**RECOMMENDED  
BASECOATS**

Steel: Primer 15  
 Galvanised Steel, Aluminium, Alloys: Aridur; Corrobloc

**RECOMMENDED  
SYSTEM**

Industrial atmosphere

Product	Layers	Wet thickness	Dry thickness
Primer 15	1	85	51
Primer 15	1	85	51
Sinto 26	1	82	45
Total	3	252	147

**POSSIBLE  
SYSTEMS**

Product	Layers	Wet thickness	Dry thickness
Primer 15	1	100	60
Sinto 26	1	82	45
Total	2	182	105

**WARNINGS**

In order to carry out the work in a workmanlike manner, it is essential to follow the instructions in the CAP Arreghini books. The specification data were determined at +23°C with 65% relative humidity in the room and with the specified thicknesses. Under different conditions, the data and times between operations vary. The technical information contained herein is indicative only. Due to the enormous variety of substrates and application conditions, it is advisable to check the suitability of the product and its effectiveness by means of tests carried out on the specific application.