



TECHNICAL DATA SHEET

Sheet No.
13/11/2009/S

Sigmulto Metallic Indoor Metallic Paint

Application range	The water-borne decorative indoor paint which gives a metallic coat. The product is recommended for special aesthetic finish of indoor walls at public use facilities, including hotel, office and mall buildings, restaurants, exhibition halls, theatres, as well as residential rooms and other representative facilities. The paint is especially recommended for finishing of the Sigmascan fibre glass wallpapers, coatable wall coverings, quartz paint coats, and textured plasterwork.
Main product advantages	- Metallic finish - Resistant to wet scrubbing
Colour	A palette of 36 specially selected metallic colours from the Sigmulto Metallic Colour Sheet NOTE: Due to its specific metallic gloss, the coating colour will depend on the viewing angle and the type of lighting; e.g. the MT 20 colour hue may range from S 1030-R80B to S4030-R80B (on the NCS scale).
Coating appearance	Metallic

Specifications

Density 20±0.5°C [g/cm ³]	PN-EN ISO 2811-1	1.06-1.08
Viscosity, Haake, 23±1°C [dPa·s]	Company standard	55-65
Coat drying time @ 23±2°C [h]	PN-C-81519	3 h
Time to recoat [h]		4 h
Solids content, min. [% v/v]	PN-EN ISO 3251	23.0
Scrubbing resistance	PN-EN 13300	Class 1

VOC limit according to Directive 2004/42/EC (Cat. A1/FW): 200 g/L (2010).

Maximum VOC content in the product: 200 g/L.

Use by date 9 months from the production date

Application method Brush, roller (on rough surfaces) or spray

PPG Deco Polska Sp. z o.o.
ul. Kwidzyńska 8; 51- 416 Wrocław
Tel.: (+48) 71 78 80 700, serwis.klienta@ppg.com

For more details and up-to-date documentation call the toll-free hotline: 800 11 33 11
www.profesjonalnefarby.pl

The information contained herein is based on our best technical knowledge and meets the state of the art on the day of issue. The company reserves the right to amend this document without notice. Since PPG Deco Polska Sp. z o.o. is in no position to control the product application, the company assumes no responsibility on the basis of this Technical Data Sheet.

Sigmulto Metallic

Indoor Metallic Paint

Recommended tools DEKORAL GOLD Perlon roller or Microfibre roller, Płaski (Flat) brush or Oval brush, hydrodynamic spray painting or

HVLP

Spray painting:

GRACO gun	Min. pressure	Min. nozzle no.	Filter [Mesh]	Recom mended dilutio	Other comments
Graco Ultra max 795	120	410 FFT	60	5%	The use of FFT (Fine Finish) nozzles is recommended.
Graco HVLP 4900	II	3 (1.33 mm)	Cage	20%	-
Wagner Wall Perfect	0.7	2 mm	-	40%	-
Wagner PS 30	170	513	100	5%	The use of Fine Finish nozzles is recommended.

Yield Up to 14 m²/L in one layer, depending on the surface roughness and absorption.

Recommended number of layers 2 to 3

Substrate preparation Carefully remove old, poorly bound or flaking paint coats, and wash the surface with water. The surface to be coated shall be clean, dry, dust-free and free of cracks. Applying the product as a finish on too moist and cured substrates may make the tone darker. Repair the substrate defects with lime-free materials. Prime fresh and old plasterwork and surfaces with high water absorption (gypsum finish and plasters, drywall and surfaces never painted before) with the Sigmax Universal Primer. Cover alkyd coats with Sigma Renomat. Degrease the surfaces coated with emulsion paints by washing them with water with detergents. Remove all distemper (adhesive paint) residues and wash the substrate with water. Clean and sand matt the surfaces coated with alkyd paints in order to

PPG Deco Polska Sp. z o.o.
ul. Kwidzyńska 8; 51- 416 Wrocław
Tel.: (+48) 71 78 80 700, serwis.klienta@ppg.com

For more details and up-to-date documentation call the toll-free hotline: 800 11 33 11
www.profesjonalnefarby.pl

The information contained herein is based on our best technical knowledge and meets the state of the art on the day of issue. The company reserves the right to amend this document without notice. Since PPG Deco Polska Sp. z o.o. is in no position to control the product application, the company assumes no responsibility on the basis of this Technical Data Sheet.

Sigmulto Metallic

Indoor Metallic Paint

increase adhesion. The substrate shall be level (without cracks or scratches) and uniformly absorbing across its entire area. Otherwise the product will expose all surface irregularities.

Application

Smooth surfaces: Painting with rollers is recommended for small surfaces only (up to ca. 1 m²). Apply Sigmulto Metallic in 2 to 3 layers. Make each last stroke with the Microfibre roller gently and in the same direction to produce the most uniform coating finish possible. Large areas should be coated by hydrodynamic (airless) spraying or HVLP spraying; see Recommended Tools for processing parameters.

Textured surfaces: Apply Sigmulto Metallic in 2 layers with the Perlon roller on textured surfaces with the height of features up to 3 mm. The optimum application of Sigmulto Metallic on rougher textures requires one layer of the product applied with the Płaski (Flat) or Oval brush.

Fibre glass wallpapers: First apply the Sigma Wallglue L7 or the Sigmatex Superlatex paint in a colour approximate to that of the Sigmulto Metallic will facilitate the desired decorative finish and reduce the consumption of Sigmulto Metallic. With the wallpaper primed as above and dry, apply two layers of Sigmulto Metallic with the Microfibre or Perlon roller. Clean the tools with water after work.

Other information

Sigmulto Metallic adheres perfectly to porous substrates and to washing-resistant paint coats. Sigmulto Metallic will also adhere to "impermeable" substrates, e.g. old alkyd paints. The paint may become detached from the surface during application if air humidity condensation occurs. Do not apply Sigmulto Metallic on impermeable substrates (e.g. old alkyd coats) in highly humid rooms, e.g. kitchens or bathrooms. Paint fresh lime cement plasters after 3 to 4 weeks from rendering. Paint at air and surface temperatures of +5 to +30°C and an air humidity below 85%. It is not recommended to apply the product at low relative air humidity. Water-thinnable, not frost resistant product. Store at temperatures above 0°C in a dry and cool room.

PKWiU

20.30.11.0

Approvals

Certified by PZH (Polish National Institute of Hygiene)
PN-EN 13300 compliant

Health, safety and fire protection

Follow the instructions on the packaging.
See the Material Safety Data Sheet for detailed product information:
www.sigmacoatings.com.pl

PPG Deco Polska Sp. z o.o.
ul. Kwidzyńska 8; 51- 416 Wrocław
Tel.: (+48) 71 78 80 700, serwis.klienta@ppg.com

For more details and up-to-date documentation call the toll-free hotline: 800 11 33 11
www.profesjonalnefarby.pl

The information contained herein is based on our best technical knowledge and meets the state of the art on the day of issue. The company reserves the right to amend this document without notice. Since PPG Deco Polska Sp. z o.o. is in no position to control the product application, the company assumes no responsibility on the basis of this Technical Data Sheet.



TECHNICAL DATA SHEET

Sheet No.
13/11/2009/S

Sigmulto Metallic Indoor Metallic Paint

Available containers 3 L base

PPG Deco Polska Sp. z o.o.
ul. Kwidzyńska 8; 51- 416 Wrocław
Tel.: (+48) 71 78 80 700, serwis.klienta@ppg.com

For more details and up-to-date documentation call the toll-free hotline: 800 11 33 11
www.profesjonalnefarby.pl

The information contained herein is based on our best technical knowledge and meets the state of the art on the day of issue. The company reserves the right to amend this document without notice. Since PPG Deco Polska Sp. z o.o. is in no position to control the product application, the company assumes no responsibility on the basis of this Technical Data Sheet.