

<b>Name</b>	<b>GRANIPLAST 20</b>
<b>Description</b>	Continuous wall coating with natural marble fine grains
<b>Main features</b>	<b>GRANIPLAST 20</b> is a continuous wall coating for external and internal surfaces based on acrylic polymers in water emulsion and washed and selected marble grains. The specific binder confers to the product resistance to alkali and atmospheric agents, good application properties and excellent adhesion; the use of natural marble grains ensures the typical stability of stone materials. Suitable for use on cement rendering, lime cement mortars or equivalent, Gypsum plaster, prefabricated elements etc.
<b>Classification (UNI 8682)</b>	Natural grain – G3 – smoothed – R3 – S3
<b>VOC Classification (Directive 2004/42/EC)</b>	Multi-colour paints. EU limit value for GRANIPLAST 20 (cat. A/k): 150 g/L (2007); 100 g/L (2010). GRANIPLAST 20 contains max 100 g/L of VOC.
<b>Surface treatment of the substrate</b>	<p><b>On cement rendering and/or lime cement mortar:</b></p> <p>a) One coat of PRYMER ACQ thinned 1:5 with water or VIEROQUARTZ thinned 1:1 with water in a similar colour of the product to be used.</p> <p><b>On Gypsum plaster and other smooth surfaces:</b></p> <p>b) One coat of PRYMER SE and one coat of VIEROQUARTZ thinned 1:1 with water in a similar colour of the product to be used.</p> <p><b>On chalking, absorbent and degraded surfaces:</b></p> <p>a) Carefully remove all loose and flaking paints and other foreign substances, then restore the surface</p> <p>b) One coat of PRYMER SE and one coat of VIEROQUARTZ thinned 1:1 with water in a similar colour of the product to be used.</p> <p>Note: the application of VIEROQUARTZ in the same color, in addition to giving an initial covering, facilitates the application by improving the adhesion of the GRANIPLAST 20 on the surface. In all cases, the substrate must be dry, free from all traces of oils, clean and mature, in order to support the load of the finished product. Whenever there are any doubts about the grade of the consistency of the substrate, it is advisable to use PRYMER SE.</p>
<b>Method of application</b>	<p>Mix the product until it becomes a soft and foamy mixture of whitish appearance. Apply with a steel trowel an uniform layer of GRANIPLAST 20 in a thickness equal to the size of the grains contained in the product.</p> <p>To level the layer work in cross movements with the trowel on edge.</p> <p>When the product starts to dry and loses its whitish appearance, give the last smoothing with the same steel trowel, taking care to maintain the tool always clean</p>
<b>Practical advice</b>	<ul style="list-style-type: none"> <li>▪ Store the product in its original sealed drums at ambient temperature included between + 5°C and + 35°C.</li> <li>▪ Do not apply on the same facing different lot numbers nor continuations of lot.</li> <li>▪ Apply the product over homogeneous substrates.</li> <li>▪ Complete each single facing without getting a dry edge to the product. For large surfaces, it will be advisable to plan the joint marks (i.e. at floor levels, down-waterspouts or where technical joints already exist).</li> <li>▪ For more uniform chromatic results, apply a coat of light grey VIEROQUARTZ, thinned 1:1 with water, prior to the application of very light colours of GRANIPLAST 20.</li> <li>▪ On very smooth surfaces is it possible to apply one basecoat of VIEROQUARTZ thinned 1:1 with water to improve the applicability.</li> <li>▪ Do not apply on overheated sunny surfaces (+35°C) or when the ambient temperature, as well as the wall temperature is forecast to be below +5°C for the first 24 hours after the application. The relative humidity should not exceed 80%.</li> <li>▪ Protect the finished coating from sudden rainfalls for at least 48 hours after application.</li> </ul>

**Safety precautions**

- For safety precautions please consult the relative Material Safety Data Sheet.
- The user information are contained in the relative data sheet.
- The empty buckets with traces of dry product, must be disposed of according to local regulations.

**Tender Item**

Continuous wall coating **GRANIPLAST 20** Viero, based on acrylic polymers in water emulsion and natural quartz grains to be applied in one single coat with a consumption of about 3.7 kg/m<sup>2</sup>. Suitable for use on cement rendering, lime cement mortars or equivalent, Gypsum plaster, prefabricated elements or surfaces already painted with other paintings and properly prepared. To be applied at a cost of € \_\_\_\_\_ per sq. m, including materials and labour and excluding scaffoldings and surface preparation.

**Specifications and other technical information****Method****Main data at 20°C and 60 % Relative Humidity**

Coat finish and aspect		Matt
Viscosity		Paste
Theoretical yield per coat kg/m <sup>2</sup>	MPL 059	3,5 ÷ 4
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Solid Content % in weight	MPL 027 (UNI 8906)	83 ÷ 87
Shelf life (in cool and dry place)	MPL 064 (UNI 10154)	At least 36 months
Hard dry hrs	MPL 033	24 hrs
Dry to recoat hrs	MPL 037	After 24 hrs
Exteriors / Interiors		Yes / Yes
Colours		Colours of relative catalogue
Binder		Acrylic
Tool cleaner		Water
Thinner		Water
Trowel Application Volume %	MPL 063	Ready for use

All the technical data herein contained are fruit of our best experience and have indicative value and do not constitute guarantee of result. All the information and data reported herein are subject to variation at any time according to the latest development in the production technology. The application of the product is carried out beyond our control and it is therefore under the exclusive responsibility of the client. The correct use of the products implies the compliance of the GENERAL prescriptions of use and in particular those indicated on this data sheet, particularly concerning the suitability and preparation of the substrates. The technical service of MATERIS PAINTS Italia S.p.A. is at the user disposal for the supply of any integrative information required.

THIS DATA SHEET ANNULS AND SUBSTITUTES ANY PREVIOUS VERSION.

**MATERIS PAINTS Italia Spa**

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Datasheet code VIE421350

<b>Name</b>	<b>GRANIPLAST 25</b>
<b>Description</b>	Continuous wall coating with natural marble medium grains
<b>Main features</b>	<b>GRANIPLAST 25</b> is a continuous wall coating for external and internal surfaces based on acrylic polymers in water emulsion and washed and selected marble grains. The specific binder confers to the product resistance to alkali and atmospheric agents, good application properties and excellent adhesion; the use of natural marble grains ensures the typical stability of stone materials. Suitable for use on cement rendering, lime cement mortars or equivalent, Gypsum plaster, prefabricated elements etc.
<b>Classification (UNI 8682)</b>	Natural granulated – G2 – smoothed – R3 – S2
<b>VOC Classification (Directive 2004/42/EC)</b>	Multi-colour paints. EU limit value for GRANIPLAST 25 (cat. A/k): 150 g/L (2007); 100 g/L (2010) GRANIPLAST 25 contains max 100 g/L of VOC.
<b>Surface treatment of the substrate</b>	<b>On cement rendering and/or lime cement mortar:</b> a) One coat of PRYMER ACQ thinned 1:5 with water or VIEROQUARTZ thinned 1:1 with water in a similar colour of the product to be used. <b>On Gypsum plaster and other smooth surfaces:</b> b) One coat of PRYMER SE and one coat of VIEROQUARTZ thinned 1:1 with water in a similar colour of the product to be used. <b>On chalking, absorbent and degraded surfaces:</b> a) Carefully remove all loose and flaking paints and other foreign substances, then restore the surface b) One coat of PRYMER SE and one coat of VIEROQUARTZ thinned 1:1 with water in a similar colour of the product to be used.  Note: the application of VIEROQUARTZ in the same color, in addition to giving an initial covering, facilitates the application by improving the adhesion of the GRANIPLAST 25 on the surface. In all cases, the substrate must be dry, free from all traces of oils, clean and mature, in order to support the load of the finished product. Whenever there are any doubts about the grade of the consistency of the substrate, it is advisable to use PRYMER SE.
<b>Method of application</b>	Mix the product until it becomes a soft and foamy mixture of whitish appearance. Apply with a steel trowel an uniform layer of GRANIPLAST 25 in a thickness equal to the size of the grains contained in the product. To level the layer work in cross movements with the trowel on edge. When the product starts to dry and loses its whitish appearance, give the last smoothing with the same steel trowel, taking care to maintain the tool always clean.
<b>Practical advice</b>	<ul style="list-style-type: none"><li>▪ Store the product in its original sealed drums at ambient temperature included between + 5°C and + 35°C.</li><li>▪ Do not apply on the same facing different lot numbers nor continuations of lot.</li><li>▪ Apply the product over homogeneous substrates.</li><li>▪ Complete each single facing without getting a dry edge to the product. For large surfaces, it will be advisable to plan the joint marks (i.e. at floor levels, down-waterspouts or where technical joints already exist).</li><li>▪ For more uniform chromatic results, apply a coat of light grey VIEROQUARTZ, thinned 1:1 with water, prior to the application of very light colours of GRANIPLAST 25.</li><li>▪ On very smooth surfaces is it possible to apply one basecoat of VIEROQUARTZ thinned 1:1 with water to improve the applicability.</li><li>▪ Do not apply on overheated sunny surfaces (+35°C) or when the ambient temperature, as well as the wall temperature is forecast to be below +5°C for the first 24 hours after the application. The relative humidity should not exceed 80%.</li><li>▪ Protect the finished coating from sudden rainfalls for at least 48 hours after application.</li></ul>



**Safety precautions**

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- The user information are contained in the relative data sheet.
- The empty buckets with traces of dry product, must be disposed according to local regulations.

**Tender Item**

Continuous wall coating **GRANIPLAST 25** Viero, based on acrylic polymers in water emulsion and natural quartz grains to be applied in one single coat with a consumption of about 4.5 kg/m<sup>2</sup>. Suitable for use on cement rendering, lime cement mortars or equivalent, Gypsum plaster, prefabricated elements or surfaces already painted with other paintings and properly prepared. To be applied at a cost of € \_\_\_\_\_ per sq. m, including materials and labour and excluding scaffoldings and surface preparation.

Specifications and other technical information	Method	Main data at 20°C and 60 % Relative Humidity
Coat finish and aspect		matt
Viscosity		Paste
Consumption rate kg/m <sup>2</sup>	MPL 059	4.5
Flash point °C	MPL 046 (UNI 8909)	Not flammable
Solid Content % in weight	MPL 027 (UNI 8906)	83 ÷ 87
Shelf life (in cool and dry place)	MPL 064 (UNI 10154)	At least 36 months
Hard dry hrs	MPL 033	24 hrs
Dry to recoat hrs	MPL 037	After 24 hrs
Exteriors / Interiors		Yes / Yes
Colours		Colours of relative catalogue
Binder		Acrylic
Tool cleaner		Water
Thinner		Water
Trowel Application Volume %	MPL 063	Ready for use

All the technical data herein contained are fruit of our best experience and have indicative value and do not constitute guarantee of result. All the information and data reported herein are subject to variation at any time according to the latest development in the production technology. The application of the product is carried out beyond our control and it is therefore under the exclusive responsibility of the client. The correct use of the products implies the compliance of the GENERAL prescriptions of use and in particular those indicated on this data sheet, particularly concerning the suitability and preparation of the substrates. The technical service of MATERIS PAINTS Italia S.p.A. is at the user disposal for the supply of any integrative information required.

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