

PIGMENT PASTE PU

RAYSTON
products



Pigment paste, solvent-based, for polyurethane resins

DESCRIPTION AND APPLICATION

Flooring or waterproofing jobs are often finished with, decorative, colour-stable topcoats. Pigment Paste PU is delivered as a pre-dosed complement for single-component aliphatic polyurethane resins (Colodur, Impertrans, Paintchlore) or aromatic PU (Pavidur). It can also be used for pigmentation of Kryptanate M, from a colourless basis.

Combination with Colodur gives RAL-adjusted topcoats suitable for industrial/commercial areas, matching desired corporate colours (see availability and price list). When pigmented in white colour, Impertrans applications give an aesthetic, antithermic and colour-stable topocoat.

CERTIFICATIONS

ETA: European Technical agreement document N° 10/0296 -CE marking: 25 years.



TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

Chemical description	Pigment dispersion, as a paste, solvent-based
Density	1,1 g/cm ³
Viscosity	2000 mPa.s (23°C)
Non-volatile content	65%
Flash point	VOC content: 320 g/L >200°C
Available colours	Tile red (Approx. RAL3836) Red oxide Black Beige RAL1015 Blue RAL 5010 Blue RAL 5015 Green RAL6001 Green RAL 6021 Gray RAL 7001 Gray RAL 7011

More colours available under request. Please contact Krypton Chemical for more information on availability and lead time.

Mixing ratio	Pigment Paste PU is delivered in a pre-dosed amount, ready to mix with the relevant containers of Colodur, Impertrans, Paintchlore, Pavidur, etc
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Colodur, Impertrans, Paintchlore, Pavidur	Pigment Paste PU
20 kg	4 kg
9 kg	1.8 kg
4 kg	0.8 kg

Kryptanate M + others

Kryptanate M is delivered in pigmented or colourless versions. If pigmentation of a colourless Kryptanate is desired, consult the specific mixing ratio with Krypton Chemical. Same applies for pigmentation of other products, if any.

Packaging	Plastic container: 4 kg, 1.8 kg, 0.8 kg
Storage	Keep at temperatures between 5°C and 40°C, in a dry place.
Use before	Use before 12 months after manufacturing date

GENERAL REQUIREMENTS

Follow general instructions on support preparation and application conditions as stated for each product. Usual quantities applied of pigmented topcoats are ca. 250 g/m². However, products pigmented with Beige RAL 1015 and Blue RAL 5010 may need an application of 500 g/m² for an adequate hiding power.

MIXING

Stir and disperse the Pigment Paste PU before addition. For a homogeneous mixture, it is recommended to add a small quantity of the resin to the Pigment Paste PU, mixing for some minutes and transfer to the original resin container, thus reducing pigment loss. Stir and disperse the combined mixture often during application to ensure colour stability.

QUESTIONS

Questions	Answer
Can I use more Pigment Paste PU?	Pigment Paste PU is already delivered in the right ratio. If an excessive amount is used, film properties of curing process may suffer alterations
Colour of the paste does not match with the RAL stated	The composition has been adjusted to give the right colour after mixing with the resin. Pigment colour before mixing may differ.
What happens with aromatic polyurethanes?	In aromatic systems, such as Pavidur, the yellow colour of the resin proper must be considered. This means that final colour may differ slightly. Furthermore, yellowing along time will change colour, being especially noticeable in clear colours and/or sun exposed applications. Because of this, when colour stability is desired, it is strongly advised to use aliphatic polyurethane resins instead.

SAFETY

Pigment Paste PU contains flammable solvents. Always follow the instructions provided in the material safety data sheet and take the precautions described there. As a rule, a suitable ventilation must be ensured, and any skin contact avoided. This product is intended to be used only for the uses and in the way here described. This product is to be used only by industrial or professional users. It is not suitable for DIY-type uses.

ENVIRONMENTAL PRECAUTIONS

Empty containers must be handled taking the same precautions as if they were full. Containers must be considered as hazardous waste, to be transferred to an authorized waste manager.

OTHER INFORMATION

The information contained in this Technical Data Sheet, as well as our advice, both written as verbal or provided through testing, are based on our experience, and they do not constitute any product guarantee for the installer, who must consider them as simple information.

We recommend to study deeply all information provided before proceeding to the use or application of any of our products, and strongly advise to conduct tests "on-site" to determine their convenience for a specific project.

Our recommendations do not exempt of the obligation of installers to deeply study the right application method for these systems before use, as well as to conduct as many preliminary tests as possible should any doubt arise. The application, use and processing of our products are beyond our control, and therefore under the exclusive responsibility of the installer. In consequence, the installer will be the only responsible of any damage derived from the partial or total in-observation of our indications, and in general, of the inappropriate use or application of these materials.

This data sheet supersedes previous all versions.



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