

PIGMENT PASTE PU WATER-BASED

RAYSTON
products



Pigment paste, water-based, for polyurethane and epoxy resins

DESCRIPTION AND APPLICATION

Flooring or waterproofing jobs are often finished with, decorative, colour-stable topcoats. Pigment Paste PU water-based is delivered as a pre-dosed complement for PU aliphatic systems Colodur ECO and Colodur ECO Matt and for EP Rayston systems when unpigmented.

Well-chosen combinations give RAL-adjusted topcoats suitable for industrial/commercial areas, matching desired corporate colours (see availability and price list). When pigmented in white colour, Colodur ECO applications provide an aesthetic, antithermic and colour-stable topcoat.

TECHNICAL DATA

INFORMATION ON THE PRODUCT BEFORE APPLICATION

Chemical description	Pigment dispersion, water based
Density	1,1 g/cm ³
Viscosity	
Approximate, Brookfield	2000 mPa.s (23°C)
Non-volatile content (%)	65%
Flash point	320 g/L
Available colours (standard list)	Beige RAL 1001 Ivory RAL 1014 Green RAL 6010 Gray RAL 7001 Gray RAL 7013 Gray RAL 7016 Gray RAL 7035 Gray RAL 7038 Gray RAL 7042 Gray RAL 7044 Gray RAL 7047

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

Mixing ratio	Pigment Paste PU water-based 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 ECO Colodur ECO Matt 20 kg 9 kg 4 kg	Pigment Paste PU water-based 4 kg 1.8 kg 0.8 kg
others	Contact Krypton Chemical for details on dosage and mixing guidelines.

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.

MIXING

Stir and disperse the Pigment Paste PU water-based before addition. For a homogeneous mixture, it is recommended to add a small quantity of the Component A of Colodur ECO/Colodur ECO Matt to the Pigment Paste PU water-based, mixing for some minutes and transfer to the original Component A container, thus reducing pigment loss. Add Component B afterwards and mix and apply in the usual manner.

Stir and disperse the combined mixture often during application in order to ensure colour stability.

QUESTIONS

Questions	Answer
Can I use more Pigment Paste PU water-based?	Pigment Paste PU water-based 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.

SAFETY

Always follow instruction provided in the Material Safety Data Sheet.

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" in order 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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