

The **AltroColor PEA 8000 Color Pastes** are based on a polyoxyalkylene amine and have been developed particularly for the coloring of polyurea systems.

## Description

As our **AltroColor PEA 8000 Color Pastes Series** are based on a reactive/crosslinkable binder, a full integration into your polyurea system is ensured.

Therefore, the **AltroColor Color Pastes** have no or only a little influence on the Shore hardness (depending on the type of hardener/variant used) nor on the other mechanical and chemical properties.

## Chemical basis

- polyoxyalkylene amine
- amine number: 15 – 45 mg KOH/g (depending on the pigment content and/or color shade)

## Incorporation

We recommend adding the **AltroColor Color Pastes** to the component **A** and to homogenizing thoroughly with a suitable stirrer.

## Recommended dosages (related to component A)

Normal, covering   opaque applications	5.0 %
Transparent   semi-transparent applications	0.5 to 2.5 %
Max. dosage	10.0 % (consider EEW value)

## Form of delivery

**AltroColor Color Pastes** are available as pre-formulated color shades (e.g. RAL Classic, RAL Design, NCS etc.) or as mono-pigmented pastes for mixing systems.

Further color shades, also made to customers' sample, are available on request.

## Packaging

500 g | 1 kg | 5 kg | 25 kg | 200 kg | 1000 kg

## Storage | shelf life

We recommend keeping the material cool and dry in tightly closed original receptacles at temperatures of 15 - 25 °C. When duly stored, the material can be used for 12 months. Before using the color pastes, stir up the content of the receptacle thoroughly. After use, close the receptacle again.

Description	Color Index <sup>(1)</sup>	T <sub>max</sub> <sup>(2)</sup>	Lightfastness <sup>(3)</sup>	Weather fastness <sup>(4)</sup>	
PEA 8001	white	[IO] - PW 6	> 300 °C	8   8	5   5
PEA 8002	oxide black	[IO] - PBk 11	180 °C	8   8	5   5
PEA 8003	oxide yellow	[IO] - PY 42	180 °C	8   8	5   5
PEA 8004	oxide red	[IO] - PR 101	300 °C	8   8	5   5
PEA 8005	chrome green	[IO] - PG 17	> 300 °C	8   8	5   5
PEA 8006	ultramarine blue	[IO] - PG 29	> 300 °C	8   8	5   4-5
PEA 8007	black	[OR] - PBk 7	300 °C	8   8	5   4-5
PEA 8008	light-yellow	[IO] - PY 184	200 °C	8   8	5   5
PEA 8009	lemon yellow	[OR] - PY 74	160 °C	7-8   6	3   2-3
PEA 8010	yellow	[OR] - PY 83	200 °C	6-7   6	3   2-3
PEA 8011	blue PB 15:3	[OR] - PB 15:3	300 °C	8   8	5   4-5
PEA 8012	red PR 254	[OR] - PR 254	280 °C	8   8	5   4-5
PEA 8013	green	[OR] - PG 7	300 °C	8   8	5   4-5
PEA 8014	rose	[OR] - PR 122	300 °C	7-8   8	4   4-5
PEA 8015	violet	[OR] - PV 23	300 °C	8   7-8	4-5   4
PEA 8016	red	[OR] - PR 48:2	180 °C	7   5	3   2-3

(1) [IO] inorganic; [OR] organic

(2) All indicated values relating to thermal stability, light fastness and weather fastness were adopted from the pigment producer and are to be regarded as references only. We strongly recommend carrying out tests on your own!

(3) Lightfastness [full tone | brightening]: evaluation as per 8-stage blue scale: 1 - very bad | 8 - excellent

(4) Weather fastness [full tone | brightening]: evaluation as per 5-stage grey scale: 1 - very bad | 5 - excellent

## Measure of precaution

With the aid of the current safety data sheets, which contain physical, ecological, toxicological and other data relating to safety, the user can inform himself on the safe handling and storage of the products.

Our technical service - in words, in writing or by trials - is given according to the current state of our knowledge. It does however not relieve the customer / user from the duty to check by himself if the products supplied by us are suitable for the intended processes and purposes. Application, use and processing of the products take place beyond our control possibilities and lie therefore exclusively in the area of responsibility of the processor. Any existing property rights of third parties are to be considered. We guarantee the perfect quality of our products in accordance with our general terms and conditions of business. When handling our products you have to observe the legal rules and the rules for the industrial hygiene. As for the rest, we refer to the corresponding safety data sheets.

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