

Jotun Multicolor Industry Colorants

Product description

The Jotun Multicolor Industry colorants are stable, pumpable, lead free, urethane free and highly concentrated colour pigment dispersions for use in non-aqueous marine and protective coatings. They are based on a resin with wide compatibility and contain pigments with excellent to good lightfastness.

Typical use

The colorants are compatible with the following solvent based paint systems:

- * Short to Medium Oil Alkyds
- * Two Pack Urethane
- * Two Pack Epoxy
- * Vinyl
- * Vinyl Acrylic
- * Chlorinated Rubber
- * Acrylics, single and two pack

The colorants may also be compatible with other than the above mentioned paint systems.

Maximum addition to paint depends on the paint system, so there is no general rule. In most cases the colorants give little or no detrimental effect up to 5 % by weight for the organic pigments and 15 % for the inorganic pigments.

Always evaluate results regarding miscibility and coating performance before introducing the colorants to new products and substrates. Different additives, curing agents etc. will influence the results.

Do **not** use tints including the following colorants on alkaline substrates like fresh or non-primed concrete: AP, PK, RA, RD, VL, YS.

Physical properties & technical information

Colorant	Sp.g. (g/cm ³)	Total solids (% weight)	Colour pigment	% weight
Multicolor Industry AP	1,30	74	Orange Yellow	33
Multicolor Industry AY	1,13	68	Orange Yellow	30
Multicolor Industry BL	1,25	71	Blue	16
Multicolor Industry GB	1,27	71	Green bluish	20
Multicolor Industry GR	1,24	76	Green yellowish	18
Multicolor Industry PK	1,05	35	Pink	17
Multicolor Industry PX	1,67	81	Apricot oxide	42
Multicolor Industry RA	1,07	69	Strong red	31
Multicolor Industry RD	1,15	66	Deep red	33
Multicolor Industry RW	1,25	68	Weak red	9
Multicolor Industry RX	1,93	81	Red oxide	59
Multicolor Industry SB	1,17	66	Strong black	16
Multicolor Industry VL	1,43	74	Violet	5
Multicolor Industry WB	1,31	73	Weak black	1,5
Multicolor Industry WT	1,84	82	White	53
Multicolor Industry YB	1,77	77	Yellow exterior	52
Multicolor Industry YS	1,12	69	Yellow strong	31
Multicolor Industry YX	1,69	78	Yellow oxide	46

Additional information

INSTRUCTION FOR USE:

Detailed instructions for use with dispensing machines etc.: See separate manual.
Products shall be used only in combination with other Jotun products and tinted using Jotun approved tinting machines and software. Never dilute or add substances of any kind to the colorants as this will cause colour deviation.

Shake cans for 1 min in a paint shaker before emptying to ensure homogeneity and minimum waste for the following colorants:
AY, RA, VL, RW, AP, SB, GR, YS, RD, GB, BL and PK

Shake cans for 2 min in paint shaker for the following colorants:
RX, WT, WB, YX, YB and PX

Never shake partly filled cans in paint shaker as this may mix air into the colorant and cause reduced colour strength.

Packaging (typical)

	Volume (litres)	Size of containers (litres)
Jotun Multicolor Industry Colorants	3	3

The volume stated is for factory made colours. Note that local variants in pack size and filled volumes can vary due to local regulations.

Storage

The product must be stored in accordance with national regulations. Keep the containers in a dry, cool, well ventilated space and away from sources of heat and ignition. Containers must be kept tightly closed. Handle with care.

Storage temperature to be below 35 °C.
Partly filled cans must be stored upside down to avoid content drying out.

Shelf life at 23 °C

Shelf life = 48 months for the following colorants:
AP, AY, BL, GB, GR, PK, PX, RA, RD, RW, SB, VL, WB, YS

Shelf life = 24 months for the following colorants:
RX, WT, YB, YX

In some markets commercial shelf life can be dictated shorter by local legislation. The above is minimum shelf life, thereafter the paint quality is subject to re-inspection.

Caution

This product is for professional use only. The applicators and operators shall be trained, experienced and have the capability and equipment to mix/stir and apply the coatings correctly and according to Jotun's technical documentation. Applicators and operators shall use appropriate personal protection equipment when using this product. This guideline is given based on the current knowledge of the product. Any suggested deviation to suit the site conditions shall be forwarded to the responsible Jotun representative for approval before commencing the work.

Health and safety

Please observe the precautionary notices displayed on the container. Use under well ventilated conditions. Do not inhale spray mist. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Colour variation

When applicable, products primarily meant for use as primers or antifoulings may have slight colour variations from batch to batch. Such products may fade and chalk when exposed to sunlight and weathering.

Colour and gloss retention on topcoats/finish coats may vary depending on type of colour, exposure environment such as temperature, UV intensity etc., and application quality. Contact your local Jotun office for further information.

Disclaimer

The information in this document is given to the best of Jotun's knowledge, based on laboratory testing and practical experience. Jotun's products are considered as semi-finished goods and as such, products are often used under conditions beyond Jotun's control. Jotun cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. Jotun reserves the right to change the given data without further notice.

Users should always consult Jotun for specific guidance on the general suitability of this product for their needs and specific application practices.

If there is any inconsistency between different language issues of this document, the English (United Kingdom) version will prevail.
