

More flexibility with Xfast®!

The stir-in class for the coloration
of paints and coatings
Xfast® – fast, safe, clean!

 **BASF**

The Chemical Company

Xfast® – the stir-in class

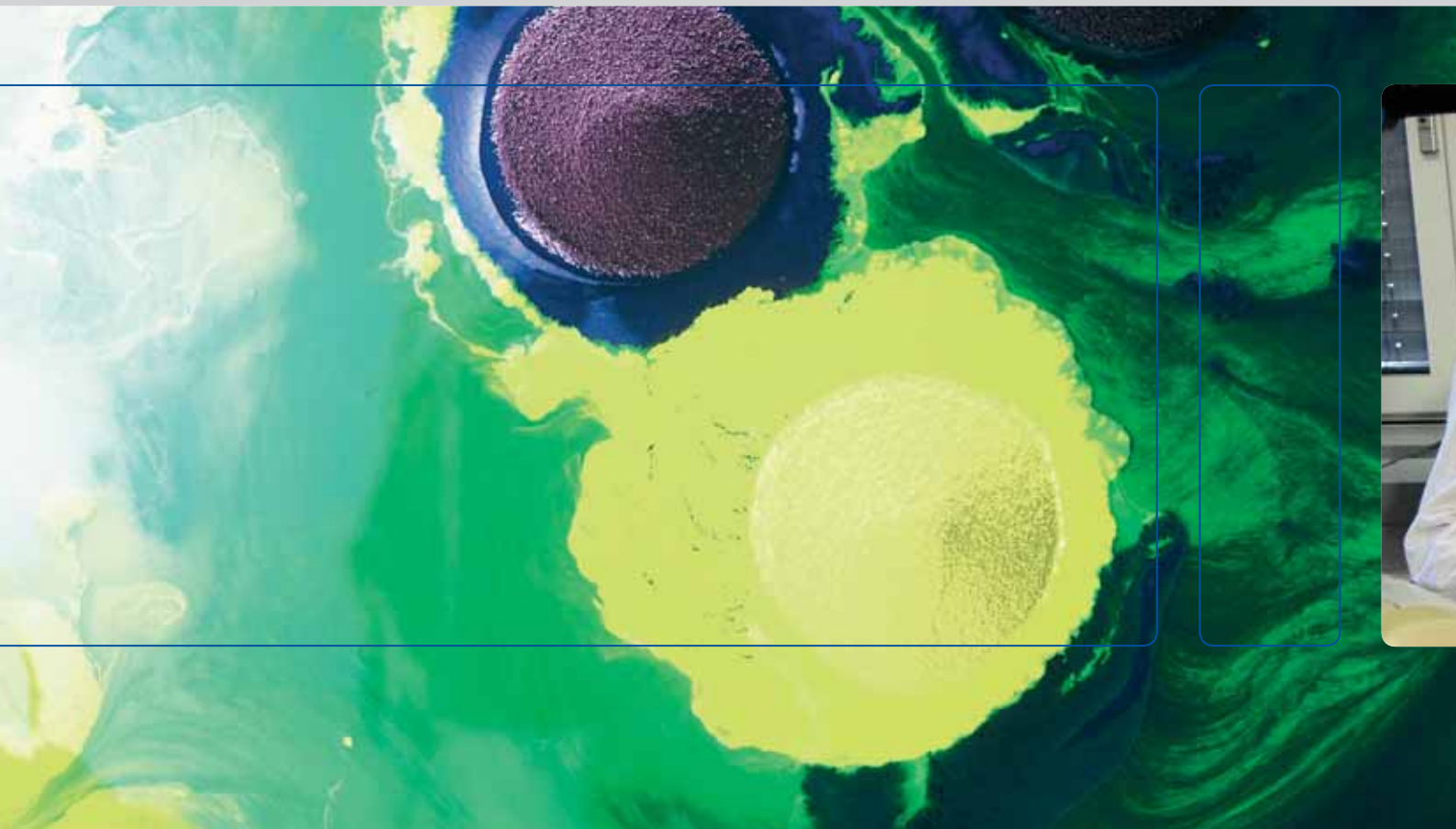
Expertise in colorants

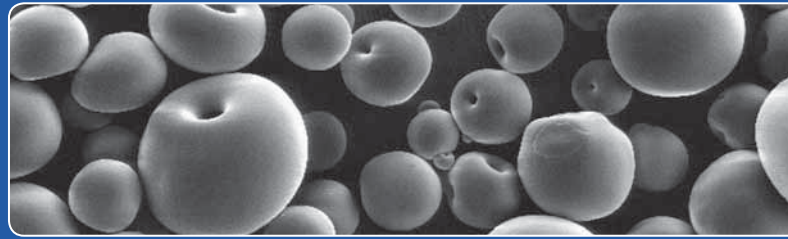
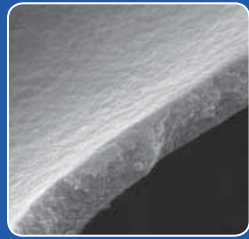
Always on the move – that has been BASF's style right from the beginning. As an expert partner in varnish and paint manufacture, BASF develops innovative products and services that are consistently oriented to customer requirements – all based on experience and the sort of comprehensive know-how you can always depend on. But in addition to effective solutions and convincing service, BASF, as an experienced colorants supplier, also offers reliable logistics. This ensures that your entire production always runs smoothly and that the highest quality standards are maintained.

An example of this is the Xfast® stir-in pigment range, developed by BASF in close cooperation with coatings manufacturers.

The trailblazing stir-in class will completely revolutionize your production cycle and help you cut costs along the entire process chain.

For Xfast® stir-in pigments are neither pigment powders nor conventional pigment preparations, but a class on their own. Strewed directly into aqueous binder systems, Xfast® dissolves immediately, making tedious preparation and grinding of the pigments unnecessary. Stir-in pigments immediately develop their full color strength, thereby making your processes so flexible that you can respond promptly to customer requests at all times. Xfast® stir-in pigments are free of any kind of solvents which makes them optimal suitable for the manufacturing of VOC-free paints.





Paint formulation with Xfast®

In addition to high-quality products and innovative services, BASF offers the coatings industry unique solutions such as dry metering with Xfast®. By means of its own specially developed colorimetric software, BASF can exactly record and correctly match desired shades. The system comprises soft- and hardware components that allow perfect, fully automatic shade matching.

An impressive robot technology, with which BASF is setting further milestones in the production of coatings with Xfast® in order to support customers with guideline formulations. Does that sound interesting? Then come and experience this ground-breaking project live. We would be happy to present it to you at our site in Ludwigshafen.



Just stir and they're ready to use!



Ready-to-use, convenient and efficient

Xfast® is convenient and easy to use. Xfast® also replaces your current water-based pigment preparation. And it hardly matters what combination of binders, extenders

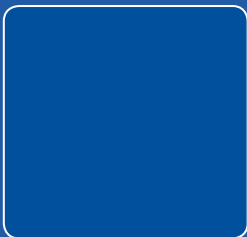
and additives you are using BASF developers have tested most of these customer systems for their compatibility with Xfast®.

The range of Xfast® stir-in pigments

Product	Color	Chemical nature	Colour Index	Properties				Applications			
				Pigment content	Density	Reduction ratio (SD 1/3)	Fastness to weathering (full shade)	Interior applications	Facade coatings	Silicate/silicone/stucco	Wood coatings
Xfast® White 0025		titanium dioxide, rutile	Pigment White 6	85 %	3.6		5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Xfast® Black 0050		iron-II- / iron-III oxide	Pigment Black 11	80 %	3.6	1.3	5			<input type="checkbox"/>	
Xfast® Black 0066*		carbon black	Pigment Black 7	80 %	1.7	11	5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Black 0095**		chromium iron oxide	Pigment Brown 29	80 %	4.3	0.6	5		<input type="checkbox"/>	<input type="checkbox"/>	
Xfast® Yellow 0962		quinophthalone yellow	Pigment Yellow 138	85 %	1.8	5	4-5		<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Yellow 1102		bismuth vanadate yellow	Pigment Yellow 184	80 %	4.7	1	4-5		<input type="checkbox"/>	<input type="checkbox"/>	
Xfast® Yellow 1256		arylide yellow	Pigment Yellow 74	75 %	1.4	5	4-5	<input type="checkbox"/>	<input type="checkbox"/>		
Xfast® Yellow 1916		iron oxide hydrate, transparent	Pigment Yellow 42	60 %	2.8	1	5		<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Yellow 1990		iron oxide hydrate, opaque	Pigment Yellow 42	80 %	3.5	0.57	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Xfast® Red 2817		iron-III oxide, transparent	Pigment Red 101	60 %	3.1	4	5		<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Brown 2915		iron-III oxide, semi-transparent	Pigment Red 101	80 %	4.1	2.6	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Xfast® Orange 2930		pyrazolo quinazolone orange	Pigment Orange 67	75 %	1.6	3	4-5	<input type="checkbox"/>	<input type="checkbox"/>		

* For water-borne PUR-systems, alkyd-modified acrylics, PVAc systems and especially critical decorative coatings, the use of a similar grade, Xfast® Black 0060, might be recommended, available on request.

** recommended for heat management applications



Xfast® makes your work extremely rapid, very clean and absolutely reliable. This increases the efficiency of your production and cuts your costs.

Xfast® is fast: add, stir, ready to use

Xfast® is reliable: true to shade, stable in storage, eco-friendly

Xfast® is clean: free-flowing, low-dusting, residue-free

Product	Color	Chemical nature	Colour Index	Properties				Applications			
				Pigment content	Density	Reduction ratio (SD 1/3)	Fastness to weathering (full shade)	Interior applications	Facade coatings	Silicate/silicone/stucco	Wood coatings
Xfast® Orange 3100		diketo-pyrrolo-pyrrol	Pigment Orange 73	75 %	1.5	1.7	5	<input type="checkbox"/>	<input type="checkbox"/>		
Xfast® Red 3390		iron-III oxide, opaque	Pigment Red 101	80 %	4.2	1	5	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Xfast® Red 3855		naphthol-AS-red	Pigment Red 112	75 %	1.4	4	4 - 5	<input type="checkbox"/>	<input checked="" type="checkbox"/>		
Xfast® Red 3860		diketo-pyrrolo-pyrrol red	Pigment Red 254	80 %	1.4	6	4 - 5		<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Magenta 4790		quinacridone magenta	Pigment Red 122	80 %	1.4	4	4	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Violet 5894		dioxazine violet	Pigment Violet 23	80 %	1.4	15	5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Blue 6310		Co/Al oxide blue	Pigment Blue 28	80 %	3.8	0.33	5			<input type="checkbox"/>	
Xfast® Blue 6875		Cu-phthalocyanine blue, alpha stable	Pigment Blue 15:2	80 %	1.4	45	5	<input type="checkbox"/>	<input type="checkbox"/>		
Xfast® Blue 7080		Cu-phthalocyanine blue, beta	Pigment Blue 15:3	80 %	1.5	7	5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Green 8730		Cu-phthalocyanine green, halogenated	Pigment Green 7	80 %	1.9	4	5	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>
Xfast® Green 9990		chrome-III oxide green	Pigment Green 17	80 %	4.4	0.19	5			<input type="checkbox"/>	

major use suitable only near full shade

The stir-in class with flexible application possibilities



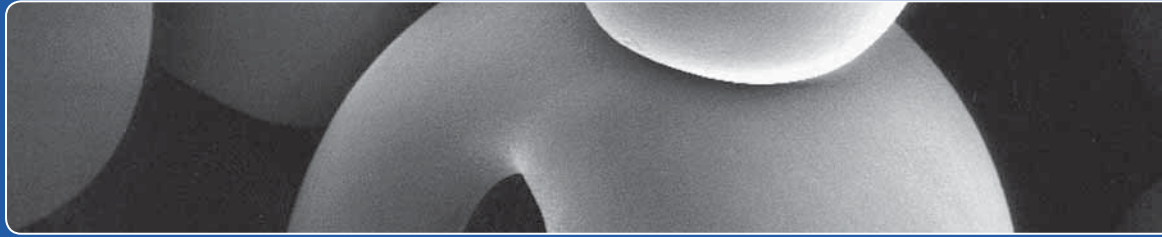
More flexibility with Xfast® in production

With Xfast® you obtain the right shade quickly and flexibly because the benefits of the stir-in class apply particularly in production. The consistent product quality quickly allows you to achieve high success rates. Xfast® is stable in storage and, because of its low-dusting granular structure, can be removed from the container cleanly and without leaving residues. This facilitates processing and reduces your current process costs. In addition, the higher color strength per kilogram compared with conventional pigment preparations means you save on storage space.



More efficiency with Xfast® in production

Stability and quality consistency make Xfast® an ideal raw material for simple instant manufacturing of tinters and preparations. Customized liquid colorants can be produced without any milling systems. Even pigments which are difficult to disperse can be easily transferred into liquid colorants.



More flexibility with Xfast® on site

Because Xfast® is so simple to apply, final tinting of paints can be postponed until the point of application. Simply add Xfast® stir-in pigments to the paint in the desired amounts, stir in, and the tinted paint is ready to use. This allows you to respond to customer requests at any time and you remain flexible to the very last minute.

Art with Xfast®

Strong colors, delicate pastel shades, elegant mixed tones – Xfast® makes it all possible. So it is not surprising that increasing numbers of artists and architects are discovering the stir-in class for themselves. In the creative design of facades and interior spaces, Xfast® stir-in pigments are in their element.

Exceptional tinting strength and unchanging quality allow public buildings, monuments and social institutions, for example, to shine with a new light.

Conclusion: The versatile application possibilities of Xfast® are a real inspiration for anyone concerned with artistic, high-quality building design.

Contact worldwide

Asia

BASF Auxiliary Chemicals Co. Ltd.
Asia Technical Center for Coating
300 Jiangxinsha Road, Pudong
200137 Shanghai
China
Tel.: +86 21 3865-2262
Fax: +86 21 3865-2276

Europe

BASF SE
Coating & Plastic Chemicals Europe
E-EVP/PX – J 550
67056 Ludwigshafen
Germany
Tel.: +49 621 60-99702
Fax: +49 621 60-6699702

Eastern Europe, Africa, West Asia

BASF SE
Regional Business Management
Coating & Plastic Chemicals
EUM/SE – Europe House
67056 Ludwigshafen
Germany
Tel.: +49 621 60-76429
Fax: +49 621 60-6676429

North America

BASF Corporation
1609 Biddle Avenue
Wyandotte, MI 48192
USA
Tel.: +1 734 324-5278
Fax: +1 734 324-5185

South America

BASF S.A.
Av. Faria Lima 3600 – 10° andar
Itaim Bibi – São Paulo – SP
04538-132
Brazil
Tel.: +55 11 3043-3680
Fax: +55 11 3043-3134

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. When handling these products, advice and information given in the safety data sheet must be complied with. Further, protective and workplace hygiene measures adequate for handling chemicals must be observed.

® = registered trademark of BASF Group