



We create chemistry

Powering Up Your Formulations

with Performance and Formulation Additives for
FURNITURE & FLOORING



Agenda



1

BASF Pioneer in Sustainability

2

Sustainability Product Recommendations

3

Industry Segments Product Guide

4

Highlight Products

5

Summary

Our large portfolio enables solutions for various industries

Formulation Additives



Dispersing Agents



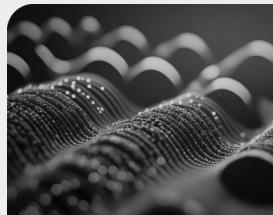
Defoamers



Rheology Modifiers

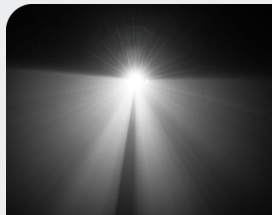


Wetting Agents & Surface Modifiers

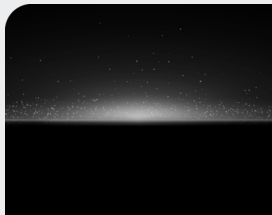


Film-forming Agents

Performance Additives



UV Absorbers
BTZ & HPT



Radical Scavengers
HALS



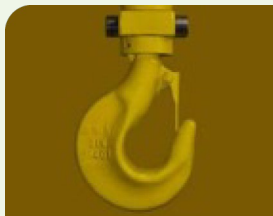
Antioxidants



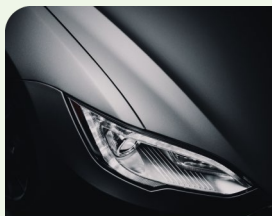
BASF is the premiere provider of **Performance & Formulation Additives** for the paints and coatings industry



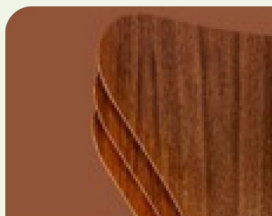
Architectural Coatings



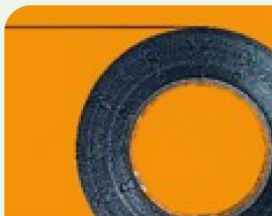
Industrial Coatings



Automotive Coatings



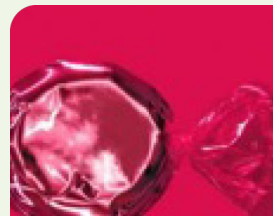
Furniture & Flooring



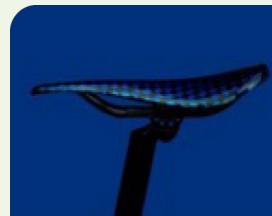
Adhesives



Construction



Printing & Packaging



Composites

Carbon Management: BASF's path to climate neutrality in 2050

CO₂ reduction



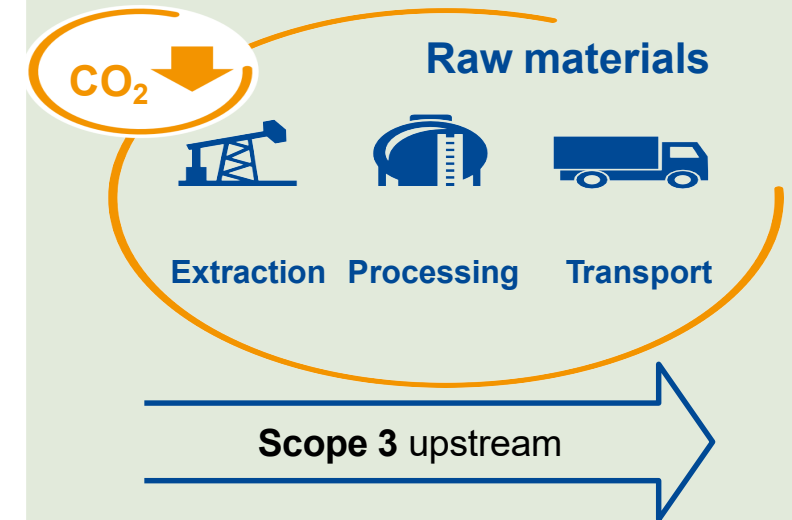
- Reduce the emissions along the value chain
- Derive the PCFs of our products

The Biomass Balance Approach



- Enables carbon footprint reductions
- Without compromising the product's final properties

Supplier CO₂ Management



- Sourcing low PCF raw material
- Working with suppliers to achieve measurable improvements

Agenda

1

BASF Pioneer in Sustainability

2

Sustainability Product Recommendations

3

Industry Segments Product Guide

4

Highlight Products

5

Summary

Sustainability Differentiation – Furniture & Flooring

	Dispersing Agents	Defoamers	Rheology Modifiers	Wetting Agents and Surface Modifiers	Light Stabilizers
 Efficiency	Efka® PX 4330 Efka® PX 4701 Efka® PX 4753 Dispex® Ultra CX 4452 Dispex® Ultra PX 4575 Dispex® Ultra PX 4585	FoamStar® ED 2528 FoamStar® SI 2299 FoamStar® ST 2438	Rheovis® AS 1130 Rheovis® HS 1101 Rheovis® HS 1153 Rheovis® PU 1193 Rheovis® PU 1291 Rheovis® PU 1331	Efka® FL 3755 Efka® SL 3035 Efka® SL 3883 Efka® FL 3787 Hydropalat® WE 3221 Hydropalat® WE 3650	Tinuvin® 9945-DW ECO Tinuvin® 477-DW ECO Tinuvin® 123-DW ECO Tinuvin® 5333-DW ECO Tinuvin® 5321-DW ECO Lignostab® 1198 Lignostab® 530
 Low odor	Dispex® Ultra CX 4452 Dispex® Ultra PX 4585	FoamStar® ED 2522 FoamStar® ED 2523 FoamStar® ED 2528	Rheovis® PE 1330/31 EC Rheovis® PU 1331	Efka® SL 3299 Hydropalat® WE 3120 Hydropalat® WE 3130 Hydropalat® WE 3220	All Tinuvin® DW ECO Lignostab® 1198 Lignostab® 530
 Renewables		Efka® PB 2770 Foamaster® NO 2306 FoamStar® SI 2210	Rheovis® AS/ HS	Hydropalat® WE 3120 Hydropalat® WE 3130	Tinuvin® 123-DW ECO
 Enables water-based	Dispex® Ultra CX 4452 Dispex® Ultra PX 4290 Dispex® Ultra PX 4565 Dispex® Ultra PX 4575 Dispex® Ultra PX 4585	FoamStar® ED 2522 FoamStar® ED 2528 FoamStar® SI 2281 FoamStar® SI 2299 FoamStar® ST 2438	Rheovis® AS 1130 Rheovis® HS 1153 Rheovis® PU 1193 Rheovis® PU 1291 Rheovis® PU 1333	Hydropalat® WE 3120 Hydropalat® WE 3220 Hydropalat® WE 3229	Tinuvin® 9945-DW ECO Tinuvin® 477-DW ECO Tinuvin® 123-DW ECO Tinuvin® 5333-DW ECO Tinuvin® 5321-DW ECO Lignostab® 1198 Lignostab® 530
 Durability	Efka® PX 4350 Efka® PX 4753 Efka® PX 4787 Dispex® CX 4231 Dispex® Ultra CX 4452 Dispex® Ultra PX 4585	Efka® PB 2770 FoamStar® ED 2528 FoamStar® SI 2281 FoamStar® SI 2299		Efka® SL 3299 Efka® SL 3883 Hydropalat® SL 3683	Tinuvin® 9945-DW ECO Tinuvin® 477-DW ECO Tinuvin® 123-DW ECO Tinuvin® 5333-DW ECO Tinuvin® 5321-DW ECO Lignostab® 1198 Lignostab® 530
 Tin-free	Efka® PX 4330 Efka® PX 4350 Efka® PX 4701 Efka® PX 4753 Dispex® Ultra CX 4452 Dispex® Ultra PX 4290 Dispex® Ultra PX 4575 Dispex® Ultra PX 4585	FoamStar® SI 2281 FoamStar® SI 2299 FoamStar® ST 2438	Full Rheovis® range	Efka® FL 3755 Efka® FL 3782 Efka® FL 3287 Efka® SL 3299 Hydropalat® WE 3229 Hydropalat® WE 3650	Tinuvin® 477-DW ECO Tinuvin® 123-DW ECO Tinuvin® 5333-DW ECO Lignostab® 1198 Lignostab® 530

Agenda

1

BASF Pioneer in Sustainability

2

Sustainability Product Recommendations

3

Industry Segments Product Guide

4

Highlight Products

5

Summary

Furniture & Flooring Portfolio

	Dispersing Agents		Defoamers	Rheology Modifiers	Wetting Agents & Surface Modifiers	Performance Additives					
	High molecular weight	Low molecular weight				UVA	HALS	Blends			
Water-based	Dispex® AA 4040 AA 4135 AA 4140 CX 4231 CX 4320 CX 4348 Dispex® Ultra CX 4452 PX 4275 PX 4290 PX 4565 PX 4575 PX 4585		FoamStar® ED 2522 ED 2523 ED 2524 ED 2528 SI 2210 SI 2240 SI 2250 SI 2280 SI 2281 SI 2292 SI 2299 ST 2438	Foamaster® NO 2306	Rheovis® AS 1130 HS 1101 HS 1162 HS 1303 PE 1330 PU 1192 PU 1291 PU 1331 PU 1333	Hydropalat® SL 3683 WE 3120 WE 3220 WE 3221 WE 3229 WE 3650 WE 3165	Tinuvin® 9945-DW ECO 477-DW ECO	Lignostab® 1198 530 Tinuvin® 123-DW ECO 249-DW ECO	Tinuvin® 5333-DW ECO 5321-DW ECO		
	Solvent-based	Efka® PU 4063 PX 4330 PX 4360 PX 4733 PX 4753 PX 4787	Efka® FA 4611	Efka® PB 2725 PB 2744 SI 2041 SI 2042 SI 2022 SI 2723		Efka® FL 3787 FL 3740 FL 3745 FL 3755 SL 3035 SL 3236 SL 3288	Tinuvin® 99-2 477 1130	Tinuvin® 123 249 292 5100	Tinuvin® 5071 5151		
		Universal / UV Systems	Efka® PX 4780	Dispex® Ultra FA 4420 FA 4480 FA 4483 Efka® FA 4611	Efka® PB 2770		Efka® FL 3287 FL 3750 SL 3259 SL 3299 SL 3288 SL 3883	Tinuvin® 400	Tinuvin® 249		
			E-BASE								

Market Segments Overview

Furniture



Flooring



Furniture & Flooring Trends - BASF Highlight Products

Coatings trends

Improved **haptics and appearance**



<i>Defoamers</i>	<i>Dispersing Agents</i>	<i>Wetting Agents & Surface Modifiers</i>	<i>Rheology Modifiers</i>	<i>UV Absorbers</i>	<i>HALS</i>	<i>Blends</i>
------------------	--------------------------	---	---------------------------	---------------------	-------------	---------------

Efka®
FL 3755
FL 3287
Hydropalat®
SL 3683
WE 3229

Tinuvin®
9945-DW ECO
477-DW ECO

Lignostab®
530

Tinuvin®
5333-DW ECO
5321-DW ECO

Improved performance & **durability**



FoamStar®
SI 2281
SI 2299
ED 2524
ED 2528

Dispex® Ultra
CX 4452
PX 4290
Efka®
PX 4753

Efka®
SL 3299
Hydropalat®
SL 3683

Rheovis®
PU 1192

Tinuvin®
9945-DW ECO
477-DW ECO

Tinuvin®
123-DW ECO
249-DW ECO
Lignostab®
530

Tinuvin®
5333-DW ECO
5321-DW ECO

Improved **sustainability (renewables, regulatory, low VOC, low odor, PCF)**



Efka®
PB 2770
SI 2041
SI 2042

Efka®
FL 3287
FL 3782
Hydropalat®
SL 3683

Rheovis®
HS 1101

Tinuvin®
9945-DW ECO
477-DW ECO

Tinuvin®
123-DW ECO
249-DW ECO
Lignostab®
530

Tinuvin®
5333-DW ECO
5321-DW ECO

Agenda

1

BASF Pioneer in Sustainability

2

Sustainability Product Recommendations

3

Industry Segments Product Guide

4

Highlight Products

5

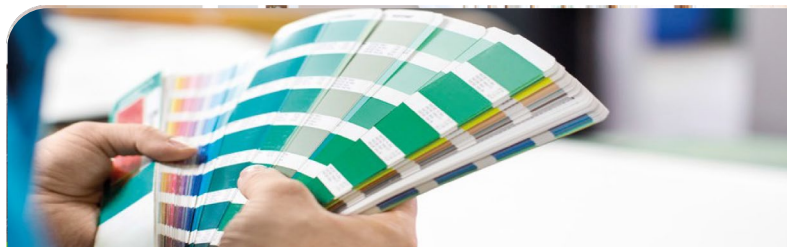
Summary

Highlight Products (1/3)



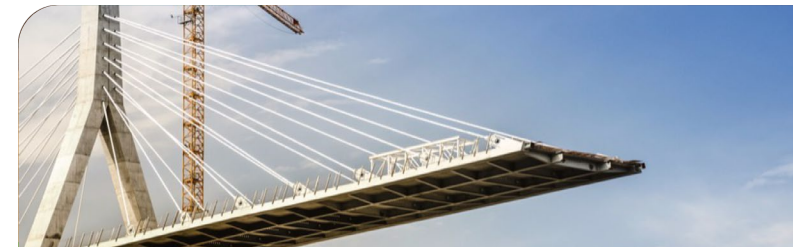
Efka® PB 2770

Silicone-free, 100% defoamer for radiation curing system



Dispex® Ultra PX 4290

New high molecular weight dispersing agent for organic and inorganic pigments in aqueous coating systems, printing inks and adhesives



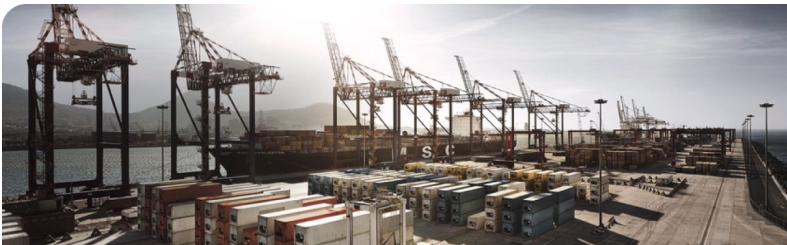
Dispex® Ultra CX 4452

Novel aqueous, high-performance dispersant for transparent iron oxides



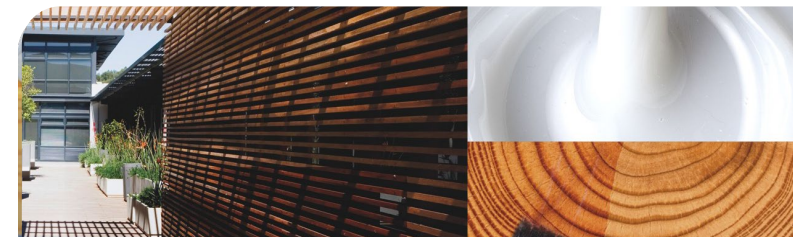
Efka® PX 4753

Next generation high performance dispersing agent for solvent-based pigment concentrates



FoamStar® SI 2281

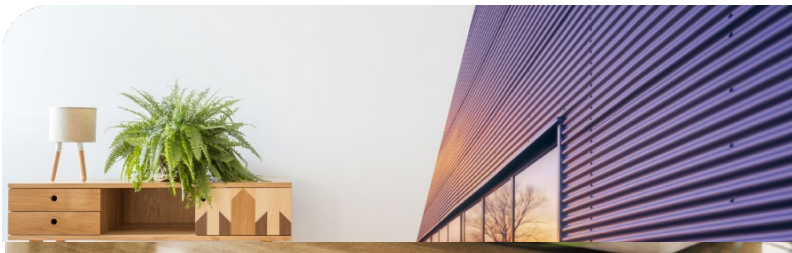
Highly compatible and easy to incorporate universal polyether-modified silicone defoamer



Rheovis® PU 1192/1193

Highly efficient, exceedingly pseudoplastic rheology modifiers

Highlight Products (2/3)



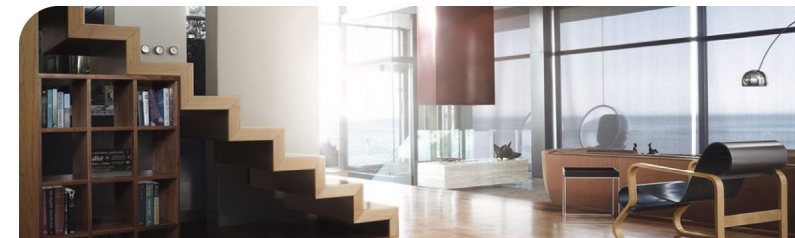
Tinuvin® DW ECO

Highly efficient light stabilizers enabling eco-labeled paints



Lignostab® 530

Next generation of liquid light stabilizers for the protection of light-colored woods and wood veneers



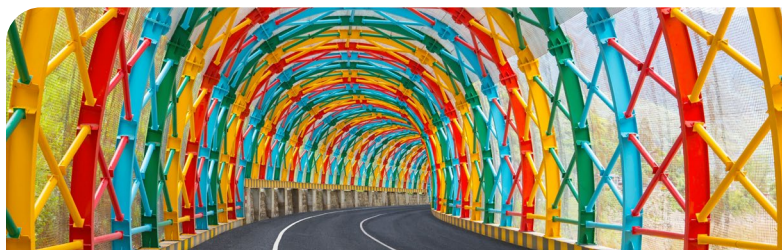
FoamStar® SI 2299

Highly effective deaerator and defoamer for spray coatings



Rheovis® HS 1101

Biocide-free HASE thickener, providing a thixotropic flow curve for an optimized leveling and sag balance



Dispex® Ultra PX 4565

New aqueous, high-performance dispersant for organic pigments and C-blacks with improved value in use



Efka® PX 4360

New high-performance dispersant for organic pigments and C-blacks with improved value in use

Highlight Products (3/3)



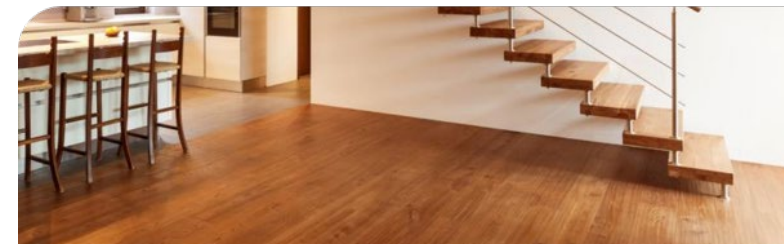
Efka® SI 2041/2042

Excellent modified silicone-based de-aerators for a broad range of industrial coating systems (PFAS alternatives)



FoamStar® ED 2528

High performance emulsion deaerator based on modified silicone



Hydropalat® WE 3229

Silicone based wetting agent with pronounced defoaming action



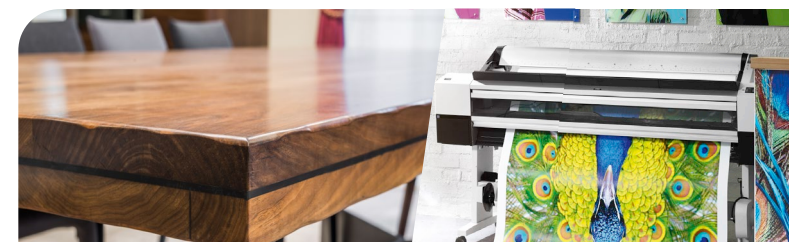
Efka® FL 3287

Silicone-modified Polyacrylate leveling agent with excellent recoatability



Efka® FL 3782

Silicone-modified Polyacrylate leveling agent suitable for water- and solvent-based systems



Hydropalat® SL 3683

Highly effective slip and anti-blocking agent for paints and coatings

Agenda

1

BASF Pioneer in Sustainability

2

Sustainability Product Recommendations

3

Industry Segments Product Guide

4

Highlight Products

5

Summary

Summary

- **BASF offers a full range of Formulation and Performance Additives for Furniture & Flooring Coatings**
- We make today's challenge tomorrow's solution meeting emerging wood trends by improving:
 - **Haptics & appearance**
 - **Performance & durability**
 - **Sustainability**
- Our **sustainable portfolio for Furniture & Flooring** is ready to power up your formulations and pushing to the next level of the green transformation towards sustainable growth
- **BASF's Lab Assistant** – powerful digital tool that enables you to find the best raw materials for your specific wood coatings needs



BASF Formulation and Performance Additives

Powering Up Your Formulations with cutting-edge expertise



Designed to simplify your lab life.

– Explore. Formulate. Collaborate.

BASF Lab Assistant is a web-based application that makes it easier for you to learn more about **Performance and Formulation Additives**.



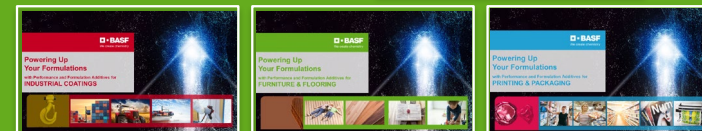
Global Product Catalogue

The comprehensive global catalogue featuring BASF Performance and Formulation Additives products.



Sustainability Presentation

With our sustainable measures and our renewable additives portfolio we are ready to Power Up your transformation towards sustainable growth.



Industry Presentation

Dedicated solution for specialized industry:

- Architecture
- Automotive
- Industrial
- Furniture & Flooring
- Printing & Packaging

Industry Presentation Furniture & Flooring

Online Tool

Explore.
Formulate.
Collaborate.



Do you want to formulate faster?

BASF's Lab Assistant

Designed to simplify your lab life –
Explore. Formulate. Collaborate.

DISCOVER NOW



Disclaimer

- **Safety**

When handling the mentioned products, please comply with the advice and information given in the safety data sheets and observe protective and workplace hygiene measures adequate for handling chemicals.

- **Note**

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 products, 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. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.



We create chemistry