

Luconyl® NG

VOC & SVOC-free pigment preparations for architectural coatings and construction industries

- Suitable for in-plant and point-of-sale tinting
- Covering the complete color space
- Very high product consistency
- Low odor, low foaming
- Complies to common eco labels

 **BASF**
We create chemistry



**COLORS &
EFFECTS**

The future of modern colors

Luconyl® NG portfolio by BASF Colors & Effects GmbH consists of a broad range of aqueous pigment preparations to ensure that all your performance and coloristic requirements are fulfilled.

Luconyl® NG has tight specifications on coloristic properties, for both volumetric and gravimetric dosing. The rheological profile, in combination with the outstanding stability to settling and skinning, guarantees high color accuracy and reproducibility as well as precise dosing with automatic and manual dispensers.

Luconyl® NG is the answer to your current and future demands for environmental and consumer protection, ensuring compliance with the most common eco-labels and directives.



Explanation of data

Applications

Application recommendations are included for interior, exterior, and wood glazes. A (■) indicates the product is highly recommended for the application, however the product may also be used for other applications.

Fastness to weathering

Fastness properties for all standard depths have been derived from the pigment used in the colorant. Color change was evaluated according to the gray scale (DIN EN 20105-A02).

Safety

When handling Luconyl® NG products, please comply with all guidelines provided in the safety data sheet. Always follow standard health and safety practices for handling chemicals.

Special recommendations

High pH applications

For high pH applications, e.g. silicate and silicone paints or stucco, we recommend the use of our inorganic pigment preparations.

Wood glazes


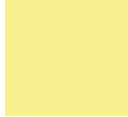
For the coloration of wood glazes, we recommend combining transparent Luconyl® NG iron oxides with organic Luconyl® NG grades.
















Heat management

For optimum heat management, we recommend using Luconyl® NG Black 0095, either alone or with suitable colored pigment preparations. Luconyl® NG Black 0095 can replace conventional black, e.g. carbon black or iron oxide black, and can significantly improve surface temperature and total solar reflectance (TSR).

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Luconyl® NG Organic pigment preparations			Properties					Applications			Color shades		
Product	Chemical nature	Color index	pigment content	density	fastness to weathering			interior	exterior	wood glazes	Full shade	1/3 SDS	1/25 SDS
					full shade	1/3 SDS	1/25 SDS						
Black 0061	carbon black	PBk 7	8%	1.07	5	5	5	■	■	■			
Black 0066	carbon black	PBk 7	40%	1.25	5	5	5	■	■	■			
Black 0070	carbon black	PBk 7	10%	1.29	5	5	5	■	■	■			
Yellow 0962	quinophthalone	PY 138	50%	1.33	4-5	4	3		■	■			
Yellow 1256	arylide yellow	PY 74	50%	1.19	4-5	2-3	2	■		■			

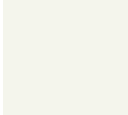


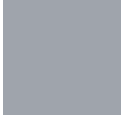





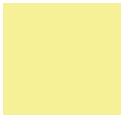



Luconyl® NG Organic pigment preparations			Properties					Applications			Color shades		
Product	Chemical nature	Color index	pigment content	density	fastness to weathering			interior	exterior	wood glazes	Full shade	1/3 SDS	1/25 SDS
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Yellow 1260	benzimidazolone	PY 154	32%	1.18	5	5	5	■	■				
Yellow 2350	isoindolinone	PY 110	40%	1.23	4-5	4	4-5	■	■				
Orange 2930	pyrazolone	PO 67	42%	1.19	4-5	3	2	■	■				
Red 3750	dibromanthranthone	PR 168	43%	1.31	5	5	5	■	■				
Red 3855	naphthol AS	PR 112	42%	1.16	4-5	3-4	3	■	■				

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Red 3860	diketo-pyrrolo-pyrrol	PR 254	45%	1.22	4-5	4	4	■	■	■			
Magenta 4790	quinacridone	PR 122	35%	1.14	4-5	4-5	4-5	■	■	■			
Magenta 4791	quinacridone	PR 122	15%	1.07	4-5	4-5	4-5	■	■	■			
Violet 5890	dioxazine	PV 23	8%	1.28	5	4	4-5	■	■	■			
Violet 5894	dioxazine	PV 23	35%	1.14	5	4	4-5	■	■	■			













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Blue 6900	Cu phthalocyanine (alpha)	PB 15:2	42%	1.20	5	5	5	■	■	■			
Blue 7080	Cu phthalocyanine (beta)	PB 15:3	42%	1.22	5	5	5	■	■	■			
Green 8730	Cu phthalocyanine	PG 7	48%	1.35	5	5	5	■	■	■			









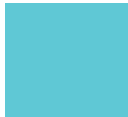



Luconyl® NG Inorganic pigment preparations			Properties					Applications			Color shades		
Product	Chemical nature	Color index	pigment content	density	fastness to weathering			interior	exterior	wood glazes	Full shade	1/3 SDS	1/25 SDS
					full shade	1/3 SDS	1/25 SDS						
White 0025	rutile	PW 6	63%	1.97	5	-	-	■	■	■			
Black 0050	iron[II, III] oxide	PBk 11	50%	1.78	5	5	5		■				
Black 0095	Fe/Cr oxide	PBr 29	65%	2.28	5	5	5		■	■			
Yellow 1102	bismuth vanadate	PY 184	50%	1.75	4-5	4-5	4-5		■				
Yellow 1916	iron oxide hydrate, transparent	PY 42	38%	1.47	5	-	-			■			

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					full shade	1/3 SDS	1/25 SDS						
Yellow 1920	iron oxide hydrate, transparent	PY 42	40%	1.46	5	-	-			■			
Yellow 1990	iron oxide hydrate, opaque	PY 42	60%	1.86	5	5	5	■	■				
Orange 2400	iron oxide yellow	PY 42	60%	1.90	5	5	5		■				
Orange 2430	Sn/Ti/Zn oxide	PO 82	60%	1.91	4-5	5	5		■				
Brown 2915	iron [III] oxide, opaque	PR 101	50%	1.74	5	5	5	■	■				

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					full shade	1/3 SDS	1/25 SDS						
Red 2817	iron [III] oxide, transp.	PR 101	33%	1.41	5	-	-			■			
Red 2820	iron [III] oxide, transp.	PR 101	42%	1.53	5	-	-			■			
Red 3395	iron [III] oxide, opaque	PR 101	60%	2.12	5	5	5	■	■				
Violet 5300	ultramarine	PV 15	50%	1.49	5	4-5	4-5		■				

Lucronyl® NG Inorganic pigment preparations			Properties					Applications			Color shades		
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Blue 6120	ultramarine	PB 29	50%	1.44	5	4-5	4-5		■				
Blue 6310	Co/Al oxide	PB 28	55%	1.77	5	5	5		■				
Turquoise 9110	Co/Li/Ti oxide	PG 50	60%	1.85	5	5	5		■				
Green 9990	chrominum [III] oxide	PG 17	64%	2.21	5	5	5		■				

Contact

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