



COLORS &
EFFECTS

BASF
We create chemistry

Sicoflush®

Liquid pigment preparations for solvent-based coatings with high transparency



Our Sicoflush® range

- **Sicoflush L:** based on long-oil alkyd resin, especially for air drying alkyd paints
- **Sicoflush P:** based on special aldehyde resin, compatible with nearly all solvent based systems

Key features

- Free-flowing liquid colorants based on carbon black and transparent iron oxides.
- Maximum transparency
- Outstanding light fastness compared to dyes

Bonus features

- Excellent gloss and weathering resistance
- No need of pigment milling
- Easy incorporation into the final paint/lacquer

Sicoflush®

Liquid pigment preparations for solvent-based coatings

Product range

Sicoflush®	Shade	Chemistry	Color Index	Pigment Content [%]	Resin content [%]	Total solvent [%]	Density [g/cm ³]	Heat stability* [°C]	Fastness to weathering*			Fastness to overcoating							
									full shade	1/3 SDS	1/25 SDS	resistance to acid	resistance to alkali	resistance to water	resistance to ethanol	resistance to ethyl	resistance to methyl ethyl ketone	resistance to xylene	resistance to white spirit
L Black 0054		carbon black	P.Bk.7	25	45	30	~1.1	300	5	5	5	5	5	5	5	5	5	5	5
L Black 0063		carbon black	P.Bk.7	20	45	35	~1.1	300	5	5	5	5	5	5	5	5	5	5	5
L Yellow 1916		iron oxide hydrate, transparent	P.Y.42	45	25	30	~1.4	160	5	5	5	4	5	5	5	5	5	5	5
L Yellow 1920**		iron oxide hydrate, transparent	P.Y.42	45	25	30	~1.4	160	5	5	5	4	5	5	5	5	5	5	5
L Orange 2416		iron-III-oxide, iron-III-oxide hydrate, transparent	-	40	35	25	~1.4	160	5	5	5	4	5	5	5	5	5	5	5
L Red 2817		iron-III-oxide, transparent	P.R.101	35	40	25	~1.4	300	5	5	5	4	5	5	5	5	5	5	5
P Black 0054		carbon black	P.Bk.7	20	35	45	~1.1	300	5	5	5	5	5	5	5	5	5	5	5
P Yellow 1916		iron oxide hydrate, transparent	P.Y.42	35	30	35	~1.3	160	5	5	5	4	5	5	5	5	5	5	5
P Red 2817		iron-III-oxide, transparent	P.R.101	35	30	35	~1.4	300	5	5	5	4	5	5	5	5	5	5	5

* Pigment related properties

** Longer shelf life compared to L Yellow 1916

The Sicoflush® L range

- Based on long-oil alkyd resin, specially for air drying alkyd paints.
- Technical properties of the coatings, even in full shade, are not impaired

For wood stains:

- We particularly recommend Sicoflush® L Yellow 1916/1920 and Sicoflush® L Red 2817.
- Combined with Sicoflush® L Black 0054 they permit optimum formulation of common wood shades

The Sicoflush® P range

- Based on special aldehyde resin
- Compatible with nearly all solvent-based systems and with most industry coatings

Dosage of Sicoflush® P:

Depending on the total resin content, these proportions of Sicoflush® P in the paint should not be exceeded:

Resins	Dosage (%)	Resins	Dosage (%)
acid-curing	20	alkyd / melamine	10
acrylic, physically drying	10	chlorinated rubber	10
acrylic / isocyanate	10	epoxy	10
acrylic / melamine	10	polyester	10
alkyd, air-drying	20	cellulose nitrate combinations***	20

*** The resin used in Sicoflush® P preparations may have a plasticizing effect on cellulose nitrate. Proportions of plasticizers (e. g., dibutyl phthalate) or plasticizing alkyd resins should be reduced accordingly.

Sicoflush®

Solvent based wood shades

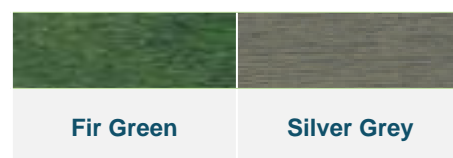
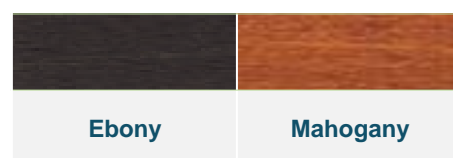
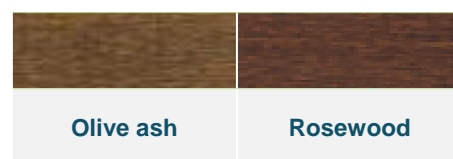
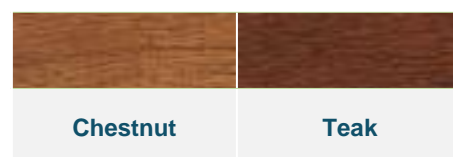
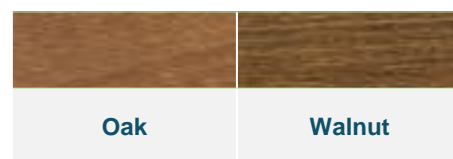
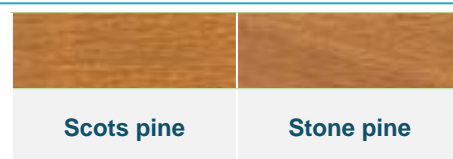
Shade	Resin	Yellow 1916/ 1920	Red 2817	Black 0054	Green Dispersion (30%)	White Dispersion (55%)
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Sicoflush® - Air drying alkyd systems

Scots pine	85.00	15.00				
Stone pine	91.58	8.00	0.40	0.02		
Oak	95.48	3.80	0.60	0.12		
Walnut	92.58	5.34	1.78	0.30		
Chestnut	95.46	1.60	2.80	0.14		
Teak	88.64	1.00	10.00	0.36		
Olive ash	87.12	11.80	0.60	0.48		
Rosewood	92.44		6.36	1.20		
Ebony	97.45			3.00		
Mahogany	90.00		10.00			
Fir Green	94.52	4.00		0.48	1.00	
Silver Grey	95.76	0.40		0.24		3.60

Sicoflush® - Universal Solvent-based systems

Scots pine	80.71	19.29				
Stone pine	89.23	10.29	0.46	0.03		
Oak	94.28	4.89	0.69	0.15		
Walnut	90.73	6.87	2.03	0.38		
Chestnut	94.57	2.06	3.20	0.18		
Teak	86.84	1.29	11.43	0.45		
Olive ash	83.54	15.17	0.69	0.60		
Rosewood	91.23		7.27	1.50		
Ebony	96.25			3.75		
Mahogany	88.57		11.43			
Fir Green	93.26	5.14		0.60	1.00	
Silver Grey	95.59	0.51		0.30		3.60



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