

Dei®Resin Synthetic Resin colours

Colouring of duroplastic materials

Dei®
Resin

The on the **RAL colour scale** oriented range includes almost all RAL colours. These are suitable for colouring **EP, UP, MMA** and for the most part **PUR**. When using these materials in other duroplastics please consult us beforehand. We generally advise against their use in melamine resins.

▶ FIELDS OF APPLICATION

Our **Dei®Resin** colours are suitable for **all common applications of these resins**, ranging from the production of **laminates, sheatings, castings** through **pultruded parts** to **floor coatings** and **polymer concrete**. This range of colours is deliberately based on pure pigment mixtures that don't contain

any binding agents, which in most cases exert a disruptive influence, and can therefore be very strong in colour. Our **synthetic resin colours** are **highly concentrated with optimal pigment balance** and therefore provide **extremely low cost colouring** with trouble-free handling.

▶ PROCESSING

The addition into the resin solution, which contains no hardener or accelerator yet, is carried out by **normal solvents**. The materials can be worked in together with other powdery additives, such as **barium sulphate, chalk, etc.** The amount of addition cannot be generalised due to the very different applications. From 0.5 % for solid castings to 5 % for thin coatings can be added, depending on the coat thickness. The ideal amount of addition is to be determined by own testing with sample material.

We wish to point out that additives with a strong inherent colour, e. g. **chalk, marble powder, wood flour, etc.** will influence

the colouring result. This can often be compensated by increasing the colour addition amount, otherwise it is necessary to switch to a brighter or darker RAL colour.

The technical properties are excellent. All colours are generally compatible with the mentioned synthetic resins.

The compatibility must in any case be determined before final processing in own tests in the system used. All colours are resistant to temperatures up to approx. 200 °C.

▶ LIGHT AND WEATHER FASTNESS

In the **Dei®Resin** product list you find the values of light fastness according to the 8-stage Wool Scale (**8 = best value, 1 = poorest value**). We indicate the weather fastness when it is at its maximum (=w). We do not consider a differentiated indication of weather fastness to make sense, since too many individual aspects play a role here, which are not expressed in the laboratory values. **Please also consider the fact, that good light fastness does not necessarily mean good weather fastness.** If you require further information on this subject our technical department will be pleased to advise you.

▶ QUALITY

Of course, you receive deliveries in tested quality. Each individual lot is tested as part of the outgoing goods inspection. On request we can document this in a **certificate of conformity**.

Just tell us the RAL colours that are suitable for you and you will immediately receive sample material for tests under your particular operating conditions from us.

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RAL-Number	Article Description	Article-Number	Light fastness	Weather fastness
Yellow				
1000	Dei®Resin – Grünbeige	4780 GCX	8	W
1001	Dei®Resin – Beige	5064 CX	8	W
1002	Dei®Resin – Sandgelb	5062 CX	8	W
1003	Dei®Resin – Signalgelb	4915 CX	7 – 8	
1004	Dei®Resin – Goldgelb	18732 CX	6 – 7	
1005	Dei®Resin – Honiggelb	A 5068 NCX	7 – 8	
1006	Dei®Resin – Maisgelb	A 4792 GCX	7	
1007	Dei®Resin – Narzissengelb	4923 CX	7	
1011	Dei®Resin – Braunbeige	A 4916 CX	8	W
1012	Dei®Resin – Zitronengelb	A 4735 CX	7 - 8	
1012+	Dei®Resin – Zitronengelb LE	4908 CX	7 - 8	
1013	Dei®Resin – Perlweiß	6171 CX	8	W
1014	Dei®Resin – Elfenbein	5054 CX	8	W
1015	Dei®Resin – Hellelfenbein	5877 CX	8	W
1016	Dei®Resin – Schwefelgelb	A 4908 CX	7 – 8	
1017	Dei®Resin – Safrangelb	A 4746 CX	7	
1017 +	Dei®Resin – Safrangelb lichtecht	5445 CX	7 – 8	
1018	Dei®Resin – Zinkgelb	18625 NCX	6 – 7	
1018 +	Dei®Resin – Zinkgelb lichtecht	4798 CX	7 – 8	
1019	Dei®Resin – Graubeige	6400 CX	8	W
1020	Dei®Resin – Olivgelb	A 4626 GCX	8	W
1021	Dei®Resin – Rapsgelb	17316 CX	6 – 7	
1021+	Dei®Resin - Rapsgelb	18867 UCX	7 – 8	
1023	Dei®Resin – Verkehrsgelb	17596 CX	6 – 7	
1024	Dei®Resin – Ockergelb	A 5034 CX	8	W
1027	Dei®Resin – Currygelb	5272 CX	7 – 8	
1028	Dei®Resin – Melonengelb	5559 NCX	5	
1032	Dei®Resin – Ginstergelb	5318 CX	6 – 7	
1033	Dei®Resin – Dahliengelb	4947 CX	7	
1034	Dei®Resin – Pastellgelb	5578 UCX	7	
1037	Dei®Resin – Sonnengelb	A 4701 NCX	7	
ORANGE				
2000	Dei®Resin – Gelborange	5014 CX	7	
2001	Dei®Resin – Rotorange	1787 NCX	6 – 7	
2001+	Dei®Resin – Rotorange LE	5557 CX	7 – 8	
2002	Dei®Resin – Blutorange	A 2004 CX	4	
2002+	Dei®Resin – Blutorange LE	A 1619 GCX	7 – 8	
2003	Dei®Resin – Pastellorange	A 4760 G/CX	6 – 7	
2004	Dei®Resin – Reinorange	4607 NCX	6 – 7	
2008	Dei®Resin – Hellorange	5322 CX	7	
2009	Dei®Resin – Verkehrsorange	A 4811 CX	6 – 7	
2010	Dei®Resin – Signalorange	4723 CX	6 – 7	
2010+	Dei®Resin – Signalorange LE	A 4634 CX	7 – 8	
2011	Dei®Resin – Tieforange	A 5116 CX	6	
2012	Dei®Resin – Lachsorange	1755 CX	4	
2012+	Dei®Resin – Lachsorange LE	A 1907 CX	7 – 8	
RED				
3000	Dei®Resin – Feuerrot	A 1995 CX	4	
3000+	Dei®Resin – Feuerrot LE	A 2081 CX	7 – 8	
3001+	Dei®Resin – Signalrot LE	A 1877 CX	7 – 8	
3002	Dei®Resin – Karminrot	17317 CX	4	
3002+	Dei®Resin – Karminrot LE	2209 CX *	8	
3003	Dei®Resin – Rubinrot	2289 CX	4	

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RAL-Number	Article Description	Article-Number	Light fastness	Weather fastness
3003+	Dei®Resin – Rubinrot LE	A 1801 CX *	8	
3004	Dei®Resin – Purpurrot	1622 CX	5	
3004+	Dei®Resin – Purpurrot LE	A 1781 NCX	8	
3005	Dei®Resin – Weinrot	A 1778 CX *	8	w
3007	Dei®Resin – Schwarzrot	2195 CX	8	w
3009	Dei®Resin – Oxidrot	16407 CX	8	w
3011	Dei®Resin – Braunrot	1758 CX	4	
3011+	Dei®Resin – Braunrot LE	2259 NCX	8	
3012	Dei®Resin – Beigerot	B 1641 CX	8	w
3013	Dei®Resin – Tomatenrot	A 2034 CX	4	
3013+	Dei®Resin – Tomatenrot LE	18525 CX	8	
3014	Dei®Resin – Altrosa	2014 CX	4	
3014+	Dei®Resin – Altrosa LE	A 1916 CX	7 – 8	
3015	Dei®Resin – Hellrosa	A 1779 CX	8	w
3016	Dei®Resin – Korallenrot	A 1806 CX	4	
3016+	Dei®Resin – Korallenrot LE	A 1944 CX *	7 – 8	
3017+	Dei®Resin – Rosé LE	A 1828 CX	7 – 8	
3018+	Dei®Resin – Erdbeerrot LE	1751/I CX	7 – 8	
3020	Dei®Resin – Verkehrsrot	A 2012 CX	6	
3020+	Dei®Resin – Verkehrsrot LE	1646 CX	7 – 8	
3022	Dei®Resin – Lachsrot	1923 CX	7 – 8	
3027	Dei®Resin – Himbeerrot	A 1808 CX *	8	
3028	Dei®Resin – Reinrot	2024 CX	8	
3031	Dei®Resin – Orientrot	B 1619 CX	7	

Violet

4001	Dei®Resin – Rotlila	A 3057 CX	8	w
4002	Dei®Resin – Rotviolett	1874 CX	8	w
4003	Dei®Resin – Erikaviolett	1837 CX	8	w
4004+	Dei®Resin – Bordeauxviolett LE	A 1920 CX	8	w
4005	Dei®Resin – Blaulila	A 2944 CX	8	w
4006	Dei®Resin – Verkehrspurpur	1770 CX	8	w
4007	Dei®Resin – Purpurviolett	A 2776 CX *	7 – 8	w
4008	Dei®Resin – Signalviolett	2552 CX *	8	w
4009	Dei®Resin – Pastellviolett	A 2788 CX	8	w
4010	Dei®Resin – Telemagenta	1719 CX	8	w

BLUE

5000	Dei®Resin – Violettblau	A 2980 UCX	8	w
5001	Dei®Resin – Grünblau	3599 CX	8	w
5002	Dei®Resin – Ultramarinblau	2772 CX	8	w
5003	Dei®Resin – Saphirblau	A 2711 CX	8	w
5004	Dei®Resin – Schwarzblau	A 3201 CX	8	w
5005	Dei®Resin – Signalblau	17714 CX	7 - 8	w
5007	Dei®Resin – Brillantblau	2612 CX	8	w
5008	Dei®Resin – Graublau	3019 CX	8	w
5009	Dei®Resin – Azurblau	A 2603 CX	8	w
5010	Dei®Resin – Enzianblau	2920 CX	8	w
5011	Dei®Resin – Stahlblau	3577 CX	8	w
5012	Dei®Resin – Lichtblau	3365 H/CX	8	w
5013	Dei®Resin – Kobaltblau	3303 CX	8	w
5014	Dei®Resin – Taubenblau	A 2884 CX	8	w
5015	Dei®Resin – Himmelblau	3365 CX	8	w
5017	Dei®Resin – Verkehrsblau	3310 CX	8	w
5018	Dei®Resin – Türkisblau	A 2601 NCX	8	w
5019	Dei®Resin – Capriblau	3581 NCX	8	w

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5020	Dei®Resin – Ozeanblau	3184 CX	8	
5021	Dei®Resin – Wasserblau	15924 CX	8	W
5022	Dei®Resin – Nachtblau	2997 CX	8	W
5023	Dei®Resin – Fernblau	A 2859 CX	8	W
5024	Dei®Resin – Pastellblau	A 3006 CX	8	W

GREEN

6000	Dei®Resin – Patinagrün	3905 CX	8	W
6001	Dei®Resin – Smaragdgrün	3899 CX	7 – 8	
6002	Dei®Resin – Laubgrün	A 3605 CX	8	W
6003	Dei®Resin – Olivgrün	9100 CX	8	W
6004	Dei®Resin – Blaugrün	4124 CX	8	W
6005	Dei®Resin – Moosgrün	9645 CX	8	W
6006	Dei®Resin – Grauliv	4095 CX	7 – 8	W
6007	Dei®Resin – Flaschengrün	4311 CX	8	
6008	Dei®Resin – Braungrün	4047 CX	8	W
6009	Dei®Resin – Tannengrün	3932 CX	8	W
6010	Dei®Resin – Grasgrün	3619 CX	7	
6011	Dei®Resin – Resedagrün	3925 CX	8	W
6012	Dei®Resin – Schwarzgrün	4079 CX	8	W
6013	Dei®Resin – Schilfgrün	9117 CX	8	W
6014	Dei®Resin – Gelboliv	9017 DCX	8	W
6015	Dei®Resin – Schwarzoliv	3958 CX	8	W
6016	Dei®Resin – Türkisgrün	4096 GCX	8	W
6017	Dei®Resin – Maigrün	4404 CX	7 – 8	
6018	Dei®Resin – Gelbgrün	4373 CX	7 – 8	
6019	Dei®Resin – Weißgrün	9014 CX	8	W
6020	Dei®Resin – Chromoxidgrün	3883 CX	8	W
6021	Dei®Resin – Blassgrün	3896 CX	8	W
6022	Dei®Resin – Braunoliv	4304 CX	8	
6024	Dei®Resin – Verkehrsgrün	15804 CX	8	W
6025	Dei®Resin – Farngrün	3673 CX	8	W
6026	Dei®Resin – Opalgrün	4097 CX	8	W
6027	Dei®Resin – Lichtgrün	9144 UCX	8	W
6028	Dei®Resin – Kiefergrün	4003 NCX	8	
6029	Dei®Resin – Minzgrün	4023 NCX	6 – 7	
6029+	Dei®Resin – Minzgrün	18400 CX	8	
6032	Dei®Resin – Signalgrün	9648 CX	8	W
6033	Dei®Resin – Mintgrün	3917 CX	8	W
6034	Dei®Resin – Pastelltürkis	9630 CX	8	W
6037	Dei®Resin – Reingrün	4233 NCX	7 – 8	

GREY

7000	Dei®Resin – Fehgrau	7516 CX	8	W
7001	Dei®Resin – Silbergrau	6006 CX	8	W
7002	Dei®Resin – Olivgrau	6425 CX	8	W
7003	Dei®Resin – Moosgrau	6840 CX	8	W
7004	Dei®Resin – Signalgrau	6633 CX	8	W
7005	Dei®Resin – Mausgrau	8070 CX	8	W
7006	Dei®Resin – Beigegrü	6405 CX	8	W
7008	Dei®Resin – Khakigrü	6234 CX	8	W
7009	Dei®Resin – Grüngrü	6658 CX	8	W
7010	Dei®Resin – Zeltgrü	6800 CX	8	W
7011	Dei®Resin – Eisengrü	6434 CX	8	W
7012	Dei®Resin – Basaltgrü	6211 CX	8	W
7013	Dei®Resin – Braungrü	7404 CX	8	W

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7015	Dei®Resin – Schiefergrau	6003 CX	8	w
7016	Dei®Resin – Anthrazitgrau	6165 CX	8	w
7021	Dei®Resin – Schwarzgrau	6910 CX	8	w
7022	Dei®Resin – Umbragrau	7576 CX	8	w
7023	Dei®Resin – Betongrau	5859 CX	8	w
7024	Dei®Resin – Graphitgrau	5790 CX	8	w
7026	Dei®Resin – Granitgrau	6163 CX	8	w
7030	Dei®Resin – Steingrau	6722 CX	8	w
7031	Dei®Resin – Blaugrau	7200 CX	8	w
7032	Dei®Resin – Kieselgrau	5878 CX	8	w
7033	Dei®Resin – Zementgrau	6162 CX	8	w
7034	Dei®Resin – Gelbgrau	6501 CX	8	w
7035	Dei®Resin – Lichtgrau	5876 CX	8	w
7036	Dei®Resin – Platingrau	8144 CX	8	w
7037	Dei®Resin – Staubgrau	6630 CX	8	w
7038	Dei®Resin – Achatgrau	6161 CX	8	w
7039	Dei®Resin – Quarzgrau	8805 CX	8	w
7040	Dei®Resin – Fenstergrau	5849 CX	8	w
7042	Dei®Resin – Verkehrsgrau A	A 5656 CX	7	w
7043	Dei®Resin – Verkehrsgrau B	6403 CX	8	w
7044	Dei®Resin – Seidengrau	7151 CX	8	w
7045	Dei®Resin – Telegrau 1	8330 CX	8	w
7046	Dei®Resin – Telegrau 2	6154 CX	8	w
7047	Dei®Resin – Telegrau 4	8255 CX	8	w

BROWN

8000	Dei®Resin – Grünbraun	6529 GCX	8	w
8001	Dei®Resin – Ockerbraun	6730 CX	7 – 8	
8002	Dei®Resin – Signalbraun	7519 RCX	8	w
8003	Dei®Resin – Lehmtraun	6387 CX	8	w
8004	Dei®Resin – Kupferbraun	5895 CX	8	w
8007	Dei®Resin – Rehbraun	6139 CX	8	w
8008	Dei®Resin – Olivbraun	A 5997 CX	8	w
8011	Dei®Resin – Nussbraun	15701 CX	8	w
8012	Dei®Resin – Rotbraun	15702 CX	8	w
8014	Dei®Resin – Sepiabraun	6382 CX	8	w
8015	Dei®Resin – Kastanienbraun	17710 CX	8	w
8016	Dei®Resin – Mahagonibraun	6033 RCX	8	w
8017	Dei®Resin – Schokoladenbraun	A 5640 HCX	8	w
8019	Dei®Resin – Graubraun	6623 CX	8	w
8022	Dei®Resin – Schwarzbraun	6324 CX	8	w
8023	Dei®Resin – Orangebraun	7804 RCX	8	w
8024	Dei®Resin – Beigebraun	7703 CX	8	w
8025	Dei®Resin – Blassbraun	6461 UCX	8	w
8028	Dei®Resin – Terrabraun	5688 CX	8	w

BLACK & WHITE

9001	Dei®Resin – Cemeweiß	18642 HCX	ca. 8	w
9002	Dei®Resin – Grauweiß	18643 HCX	8	w
9003	Dei®Resin – Signalweiß	7266 NCX	8	w
9004	Dei®Resin – Spezialschwarz	5832 UCX	8	w
9005	Dei®Resin – Tiefschwarz	15710 CX	8	w
9006	Dei®Resin – Weißaluminium	18958 CX	7	
9007	Dei®Resin – Graualuminium	18873 CX	7	
9010	Dei®Resin – Reinweiß	15904 CX	8	w
9011	Dei®Resin – Graphitschwarz	6421 CX	8	w

RAL-Number	Article Description	Article-Number	Light fastness	Weather fastness
9016	Dei®Resin – Verkehrsweiß	15898 CX	8	W
9018	Dei®Resin – Papyrusweiß	18644 ICX	8	W

OTHERS

1035	Dei®Resin – Perlbeige	16293 ICX	7	
1036	Dei®Resin – Perlgold	18959 CX	7	
2013	Dei®Resin – Perlorange	16296 NCX	7	
3032	Dei®Resin – Perlrubinrot	19280 CX	7	
3033	Dei®Resin – Perlrosa	18950 CX	7	
4011	Dei®Resin – Perlviolett	CX	7	
4012	Dei®Resin – Perlbrombeer	18954 CX	7	
5025	Dei®Resin – Perlenzian	18955 CX	7	
5026	Dei®Resin – Perlnachtblau	19293 CX	7	
6035	Dei®Resin – Perlgrün	18957 CX	7	
6036	Dei®Resin – Perlopalgrün	16294 NCX	7	
7048	Dei®Resin – Perlmausgrau	16298 NCX	7	
8029	Dei®Resin – Perlkupfer	16292 NCX	7	
9022	Dei®Resin – Perlhellgrau	16315 ICX	7	
9023	Dei®Resin – Perldunkelgrau	18956 CX	7	

Delivery: 25 kg of each colour, EXW Schweinfurt.

Delivery time: approx. 5 work days after receipt of your order outgoing Schweinfurt
Our delivery time means the point of time leaving our factory. For late deliveries through the shipping agency we can't overtake any liability.

Payment Terms: cash in advance.

These information are based on our current level of knowledge and experience as well as on information, which we get from our suppliers. Special analyses on our colours do not take place. Traces of impurities were not considered. These information do not release producers from the obligation to make own tests, because of the host influences during the process and the use of our products. It is not a legally binding assurance for certain properties or of the suitability for a specific purpose nor any kind of guarantee for the marketability of our products. We accept no liability for damages resulting from the reliance on the information provided by us for our products. This is also valid for the liability of third parties. The receiver of our products has to ensure that the existing laws and requirements are observed in his own responsibility. We do not oblige us to update this statement due to changed laws or regulations or due to new knowledge.

* We will be pleased to work out an alternative for these types on request. Production for this pigment powder has been cancelled due to a raw material.

