

Duroblend[®]

Hybrid pigments – Designed to replace lead based colourants

Duroblend®

The alternative pigment to protect the environment

Duroblend® combines the advantages of inorganic and organic pigments. Their production uses an innovative two step embedding process. For colour matching, selected pigments are pre-dispersed and physically combined.

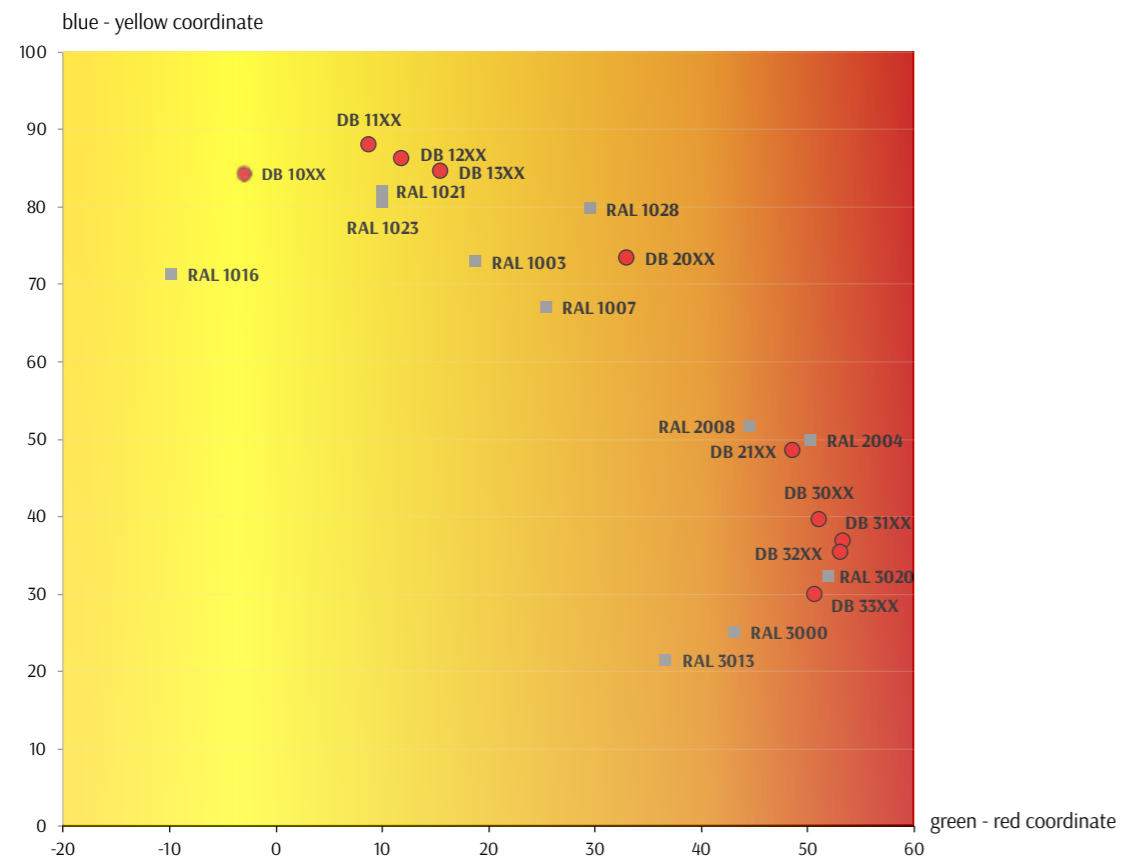
Thanks to carefully chosen pigments, Duroblend® are optimized products for a wide range of coating systems and applications.

Duroblend® products are intended to replace lead pigments in the colour space between greenish yellow and blueish red whilst simultaneously maintaining their high levels of brilliance and opacity.

Advantages of Duroblend®

- Optimized application properties
- Easy handling
- Synergistic effects can be achieved
- Excellent reproducibility

Duroblend® - ideal starting point to match RAL-shades



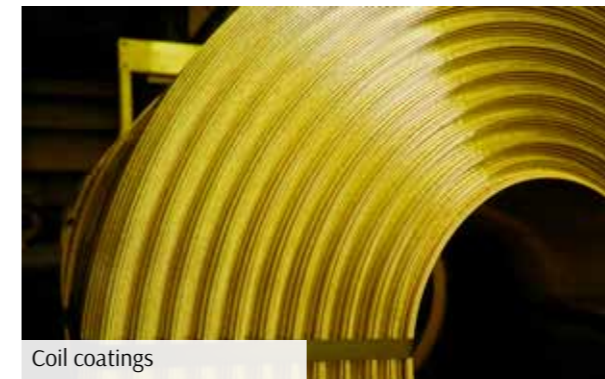
Main applications



PE, PP, PS



Automotive refinishing coatings



Coil coatings



Powder coatings



Indoor decorative coatings














Industrial coatings



PVC

Duroblend®

Hybrid pigments – Individually tailored to the application

Full shade	Decorative coatings	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹	Fastness to solvents ¹	Industrial coatings	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹	Fastness to solvents ¹	Automotive refinishing coatings	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹	Fastness to solvents ¹
	1000	86.7 -0.3 84.2	24 6.6	5 5	5-6 4	3	1010	86.7 0.3 84.2	24 6.6	5 5	5-6 4	3	1020	86.9 0.8 84.6	18 6.0	3 3	8 5	5
	1100	83.7 8.8 87.9	22 5.8	5 5	7-8 4	3	1110	83.5 9.3 87.3	20 5.8	5 5	7-8 4	3	1120	84.2 8.4 83.5	19 6.7	3 3	8 4-5	5
	1200	83.0 11.9 86.2	21 6.0	5 5	7-8 4	3	1210	83.1 11.4 85.5	22 6.0	5 5	7-8 4	3	1220	83.0 11.6 83.6	19 6.7	3 3	8 4-5	4-5
	1300	81.7 15.5 84.5	21 5.8	5 5	7-8 4	3	1310	81.7 15.5 84.5	21 5.8	5 5	7-8 4	3	1320	81.2 15.8 82.9	19 6.7	3 3	8 4-5	4-5
	1400	75.4 23.7 82.1	21 6.5	5 5	7-8 4	3	1410	78.6 23.8 83.1	23 6.5	5 5	7-8 4	3	1420	79.0 23.3 80.3	21 7.5	3 3	8 4-5	4
	2000	72.8 33.1 73.4	21 5.7	5 5	7 4	3	2010	72.8 33.1 73.4	21 5.7	5 5	7 4	3	2020	72.5 32.9 73.4	19 6.4	3 3	8 4-5	4
	2100	59.4 48.3 48.4	18 5.2	5 5	6-7 3-4	4-5	2110	59.8 49.0 48.6	19 5.2	5 5	6-7 3-4	4-5	2120	60.2 48.4 48.5	16 4.1	3 3	8 4-5	3-4
	3000	52.8 51.1 39.6	18 5.2	5 5	7-8 3-4	3-4	3010	52.8 51.1 39.6	18 5.4	5 5	6-7 3-4	3-4	3020	51.7 51.6 39.6	23 8.2	5 5	8 4-5	4-5
	3100	50.5 53.4 36.7	22 7.7	5 5	6-7 3-4	3-4	3110	50.6 53.0 36.6	22 7.7	5 5	6-7 3-4	3-4	3120	50.1 51.0 36.4	22 6.8	5 5	8 4-5	4-5
	3200	48.7 53.1 35.3	21 7.7	5 5	7-8 3-4	3-4	3210	48.7 53.1 35.3	21 7.7	5 5	6-7 3-4	3-4	3220	48.6 52.2 34.8	21 6.0	5 5	8 4-5	4-5
	3300	46.2 50.7 30.0	20 7.3	5 5	7-8 4-5	3-4	3310	46.2 50.7 30.0	20 7.3	5 5	7-8 4-5	3-4	3320	46.5 53.6 31.5	22 6.7	5 5	8 4-5	4-5

¹ Scale from 1 to 5, where 1 = severe change, 5 = no change

² Wool Scale from 1 to 8, where 1 = severe change, 8 = no change

The colours are only for visualization and are not an exact reproduction.

Full shade	Powder coatings	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹	Fastness to solvents ¹	Coil coatings	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹	Fastness to solvents ¹	PE, PS, PP	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹	PVC	Colorimetric data Lab	Oil absorption [g/100g] BET [m ² /g]	Acid/alkali resistance ¹	Fastness to light ² Fastness to weather ¹
	1030	86.9 0.8 84.6	18 6.0	3 3	8 5	5	1040	87.8 0.6 86.6	17 4.4 5	5	8 4-5	4-5	1050	85.1 2.2 80.6	18 5.2	5 5	7-8 4-5	1060	82.6 -1.2 79.6	25 12.0	5 4-5	6 4-5
	1130	84.2 8.4 83.4	19 6.7	3 3	8 4-5	5	1140	86.0 7.5 87.9	20 6.8 4-5	5	8 4-5	4-5	1150	84.3 0.8 81.7	19 5.5	5 5	7-8 4-5	1160	83.5 0.4 80.6	23 15.6	5 4-5	6 4-5
	1230	83.0 11.6 83.6	19 6.7	3 3	8 4-5	4-5	1240	85.1 11.0 85.6	20 6.4 4-5	5	8 4-5	4-5	1250	83.2 4.7 82.2	20 6.0	5 5	7-8 4-5	1260	83.0 3.5 82.4	23 15.6	5 4-5	6 4-5
	1330	81.2 15.8 82.9	19 6.7	3 3	8 4-5	4-5	1340	83.6 14.9 87.1	20 6.7 4-5	5	8 4-5	4-5	1350	81.5 9.3 81.1	21 6.7	5 5	7 4-5	1360	80.9 10.2 81.1	23 14.3	5 4-5	6 4-5
	1430	79.0 23.0 80.3	21 7.5	3 3	8 4-5	4	1440	78.8 24.4 81.1	21 7.1 4-5	5	8 4-5	4-5	1450	76.8 20.1 77.1	28 9.7	5 5	7 4-5	1460	75.9 21.1 77.4	22 6.2	5 5	7 4-5
	2030	72.5 32.9 73.4	19 6.4	3 3	8 4-5	4	2040	73.9 33.2 75.5	22 8.3 4-5	5	8 4-5	4-5	2050	71.6 27.7 67.5	28 9.7	5 5	7 4-5	2060	73.1 27.8 70.3	22 6.3	5 5	7 4-5
	2130	60.2 48.4 48.5	16 4.1	3 3	8 4-5	3-4	2140	58.8 47.1 49.4	22 8.9 4-5	5	8 4-5	4-5	2350	56.9 47.5 45.5	19 5.6	5 5	7-8 4-5	2360	56.9 47.5 45.5	19 5.6	5 5	7-8 4-5
	3030	51.7 51.6 39.6	23 8.2	5 5	8 4-5	4-5	3040	51.7 51.6 39.6	23 8.2 4-5	5	8 4-5	4-5	3050	53.5 48.8 39.7	20 5.6	5 5	7-8 4-5	3060	53.5 48.8 39.7	20 5.6	5 5	7-8 4-5
	3130	50.1 51.0 36.4	22 6.8	5 5	8 4-5	4-5	3140	50.1 51.0 36.4	23 8.2 5	5	8 4-5	4-5	3150	52.2 50.2 34.7	18 4.9	5 5	8 4-5	3160	52.2 50.2 34.7	18 4.9	5 5	8 4-5
	3230	48.6 52.2 34.8	21 6.0	5 5	8 4-5	4-5	3240	48.6 52.2 34.8	22 6.8 5	5	8 4-5	4-5	3250	51.0 52.3 34.6	20 5.9	5 5	8 4-5	3260	51.0 52.3 34.6	20 5.9	5 5	8 4-5
	3330	46.5 53.6 31.5	22 6.7	5 5	8 4-5	4-5	3340	46.5 53.6 31.5	21 6.0 5	5	8 4-5	4-5	3350	48.9 53.5 32.3	21 6.3	5 5	8 4-5	3360	48.9 53.5 32.3	21 6.3	5 5	8 4-5

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Habich supports your creativity


Habich GmbH is a globally acting manufacturer of special inorganic pigments. Our product portfolio includes, next to inorganic coloured pigments and coloured pigment preparations, a broad range of inorganic corrosion protection pigments, pigment slurries and pigment pastes.


As an Austrian family business in the 6th generation, we stand for reliability and sustainability in our business relationships. For more than 170 years, customer satisfaction and customer success are our main objectives. We score with flexibility and our high innovative strength.

Thanks to our highly motivated, chemically and technically trained employees we also can offer tailor made solutions.



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