

Production, assembly and delivery

Congratulations on your new door. We hope that this will meet your expectations. The manufacture of your door panel is our specialty and this panel is manufactured with the greatest possible care. The delivery of the door panel includes processing instructions that provide information about the application, handling and maintenance.

An externally accredited body, the Stichting Keuringsbureau Hout (Foundation for the approval of wood), performs unannounced inspections in our factory. The issued KOMO® product certificate as well as the SKH-BGS door-leaf certificate is a guarantee of thorough quality and professional knowledge, which means that your door will last for a very long time with good maintenance.

Although carpentry factories nowadays increasingly complete the doors with insulated glazing and completely finished lacquering, in many homes the placing of the glass and the painting is done by others. Before the painter applies the last coat of paint - from an aesthetic point of view, but certainly also as protection against wind and weather - he must assess the door for any damage and restore it. The painting gives the final colour and appearance to the door. Very important here is that the finishing layer is the basis for a long life. After the glazier and painter have completed their work, the care for the door will be transferred to you.

Maintenance: how do we do that?

During the use of the door, damage can occur and the protective effect of the paint system will decrease. This brings us to the importance of inspection and maintenance. You have great influence on the frequency and level of maintenance yourself and the timely taking of measures are crucial in this. To begin with, you should clean the woodwork at least once or better still several times a year with mild soapy water, for example a little hand washing-up liquid in lukewarm water (no aggressive substances!). During cleaning, inspect the woodwork for any damage and paintwork for weathering / crack formation. The purpose of cleaning is to remove dirt so that new dirt will adhere less quickly to the clean paint layer.

If damage, weathering (pulverisation of paint and sealants) or crack formation and cracking in connections are visible, these must be repaired. If you have this job done by a professional, you can assume that this is done properly. If you want to carry out this work by yourself, it is a serious recommendation to assess the state of the paintwork together with a professional. He can give you advice on the urgency of the repair work to be carried out. He can also provide you with a maintenance schedule in which you can schedule the various control and recovery activities.



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Paint colour and guarantee

Colour choice

means that maintenance of dark colours is more frequently required than maintenance of light colours. Dark colours absorb a lot of heat from the sunlight and the underlying wood will “work” much more. The paint layer must be able to absorb this effect, but as time passes, the paint layer will become rigid or brittle and eventually crack, also called crackle.

Very dark colours, falling in class three of Table 1, are not recommended because of the mentioned temperature rises, especially during the summer. In the warranty conditions,

crackle damage caused by paint and crack formation of the underlying wood veneer on doors, with colours from class III as well as doors that have been finished transparently, will be excluded from 2013. With all colours falling in class I and II, the warranty conditions normally apply. The door must be maintained as indicated in Table 2.

Series	Color	Colorclass
1000 series White	1013 Pearl white	13
	1014 Ivory	19
	1015 Light ivory	15
	Colorclass	
	1 2 3	
1000 series Yellow/Beige	1000 Green beige	23
	1001 Beige	25
	1002 Sand yellow	26
	1003 Signal yellow	24
	1004 Gold yellow	27
	1005 Honey yellow	31
	1006 Corn yellow	29
	1007 Chromate yellow	29
	1011 Brown beige	34
	1012 Lemon yellow	25
	1016 Sulfur yellow	13
	1017 Saffron yellow	23
	1018 Zinc yellow	17
1019 Grey beige	33	
1020 Olive yellow	33	
1021 Cadmium yellow	21	
1023 Traffic yellow	21	
1024 Ocher yellow	32	
1027 Curry yellow	35	
1028 Melon yellow	24	
1032 Broom yellow	26	
1033 Dahlia yellow	26	
1034 Pastel yellow	26	
2000 series Orange	2000 Yellow orange	34
	2001 Red orange	39
	2002 Blood orange	40
	2003 Pastel orange	30
	2004 Bright orange	35
	2008 Lightred orange	33
	2009 Traffic orange	36
	2010 Signal orange	36
	2011 Deep orange	33
	2012 Salmon orange	35
	Colorclass	
	1 2 3	
3000 series Red	3000 Fire red	42
	3001 Signal red	42
	3002 Carmine red	42
	3003 Ruby red	43
	3004 Purple red	44
	3005 Wine red	44
	3007 Black red	45
	3009 Oxide red	44
	3011 Brown red	44
	3012 Beige red	32
3013 Tomato red	42	
3014 Old pink	34	
3015 Light pink	26	
3016 Coral red	41	
3017 Pink	37	
3018 Strawberry red	38	
3020 Traffic red	41	
3022 Salmon red	35	
3027 Raspberry red	41	
3031 Orient red	41	
Colorclass		
1 2 3		
4000 series Purple	4001 Red purple	39
	4002 Red violet	42
	4003 Erica violet	36
	4004 Bordeaux violet	44
	4005 Blue violet	38
	4006 Traffic purple	41
	4007 Purple violet	45
	4008 Signal violet	41
	4009 Pastel violet	34
	4010 Tele magenta	39
Colorclass		
1 2 3		
5000 series Blue	5000 Violet blue	43
	5001 Green blue	43
	5002 Ultramarine blue	44
	5003 Sapphire blue	45
	5004 Black blue	45
	5005 Signal blue	43
	5007 Brilliant blue	40
	5008 Grey blue	44
	5009 Azure blue	42
	5010 Gentian blue	43
	5011 Steel blue	45
	5012 Light blue	36
5013 Cobalt blue	45	
5014 Pigeon blue	37	
5015 Sky blue	38	
5017 Traffic blue	42	
5018 Turquoise blue	37	
5019 Capri blue	42	
5020 Ocean blue	44	
5021 Water blue	40	
5022 Night blue	45	
5023 Horizon blue	40	
5024 Pastel blue	34	
Colorclass		
1 2 3		
6000 series Green	6000 Patina green	39
	6001 Emerald green	41
	6002 Leaf green	42
	6003 Olive green	42
	6004 Blue green	44
	6005 Moss green	44
	6006 Olive grey	44
	6007 Bottle green	45
	6008 Brown green	45
	6009 Spruce green	45
	6010 Grass green	40
	6011 Reseda green	38
	6012 Black green	44
	6013 Reed green	38
6014 Olive yellow	44	
6015 Olive black	44	
6016 Turquoise green	41	
6017 Spring green	38	
6018 Yellow green	34	
6019 White green	19	
6020 Chromium oxide green	44	
6021 Bleach green	32	
6022 Olive brown	45	
6024 Traffic green	38	
6025 Fern green	40	
6026 Opal green	43	
6027 Light green	26	
6028 Pine green	43	
6029 Mint green	41	
6032 Signal green	39	
6033 Mint turquoise	37	
6034 Pastel turquoise	29	
Colorclass		
1 2 3		
7000 series Grey	7000 Squirrel grey	35
	7001 Silver grey	32
	7002 Olive grey	37
	7003 Moss grey	38
	7004 Signal grey	31
	7005 Mouse grey	39
	7006 Beige grey	39
	7008 Kaki grey	40
	7009 Green grey	41
	7010 Tent grey	41
	7011 Steel grey	42
	7012 Basalt grey	41
	7013 Brown grey	42
	7015 Slate grey	42
	7016 Hard coal grey	44
	7021 Black grey	45
	7022 Amber grey	43
7023 Concrete grey	36	
7024 Graphite grey	43	
7026 Granite grey	44	
7030 Stone grey	33	
7031 Blue grey	40	
7032 Pebble grey	26	
7033 Cement grey	36	
7034 Yellow grey	34	
7035 Light grey	19	
7036 Platinum grey	32	
7037 Dust grey	36	
7038 Agate grey	26	
7039 Quartz grey	40	
7040 Window blue	30	
7042 Traffic grey A	33	
7043 Traffic grey B	42	
7044 Silk grey	25	
7045 Tele grey 1	33	
7046 Tele grey 2	35	
7047 Tele grey 4	19	
Colorclass		
1 2 3		
8000 series Brown	8000 Green brown	39
	8001 Ocher brown	38
	8002 Signal brown	42
	8003 Lean brown	41
	8004 Copper brown	41
	8007 Deer brown	43
	8008 Olive brown	42
	8011 Nut brown	44
	8012 Red brown	44
	8014 Sepia brown	44
8015 Chestnut brown	44	
8016 Mahoni brown	44	
8017 Chocolate brown	45	
8019 Grey brown	44	
8022 Black brown	44	
8023 Orange brown	39	
8024 Beige brown	41	
8025 Bleach brown	41	
8028 Terra brown	44	
Colorclass		
1 2 3		
9000 series White	9001 Cream white	11
	9002 Grey white	15
	9003 Signal white	7
	9010 Bright white	7
	9016 Traffic white	6
	9018 Papyrus white	19
	Colorclass	
	1 2 3	
9000 series Black	9004 Signal black	45
	9005 Deep black	45
	9011 Graphite black	45
	9017 Traffic black	45
	Colorclass	
1 2 3		

Table 1: Colour class format

Explanation of Class; classification RAL / non-RAL colours

Table 1 contains a large number of RAL numbers. Each RAL colour is divided into a colour class and this also includes the expected maintenance as shown in Table 2. You can also classify the non-RAL colours into one of the three maintenance classes as soon as you have the brightness value of the colour. The brightness value of the colour is called the Y-value and this is defined in the ISO 7724-1. With the brightness value Y you can calculate the rise of the surface temperature, T, with the formula:

$$\Delta T = 47,5 \times (1-Y/100)$$

Onderhoudsschema voor de eigenaar / bewoner

Jaar	Dekkende afwerking van lichte kleuren (kleurklasse 1)	Dekkende afwerking van donkere kleuren (kleurklasse 2 & 3)	afwerking in transparant
	Begepland	Begepland	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

 Inspecteren op gebreken en bijwerken
 Bijwerken en geheel nieuwe laag aanbrengen

NB. Periodieke controlebeurten
 Inspecties zijn belangrijk: de kosten van tijdig onderhoud vallen altijd lager uit dan die van achterstallig onderhoud.

Table 2: Colour class & maintenance

Classification of maintenance classes

The colour brightness value is then divided into a maintenance class 1, 2 or 3. In the classification, a relationship is made between colour temperature rise in the finishing layer on the wood surface, namely:

- Class 1, $T \leq 36^\circ \text{C}$: favourable
- Class 2, $37^\circ \text{C} \leq T \leq 43^\circ \text{C}$: normal
- Class 3, $T \geq 44^\circ \text{C}$: unfavourable

Class 1

You can apply these colours under all circumstances. These colours are preferred when the door is placed in a south-easterly to south-westerly direction.

Class 2

You can apply these colours under normal circumstances with the proviso that the inspection and maintenance frequency is maintained as stated in Table 2.

Class 3

If you opt for colours that fall in class 3 or for transparent finishing, then the paint and the underlying wood veneer will be more intensively loaded by the weather. The urgent advice is to strictly follow the inspection and maintenance schedule. When using these colours as well as transparent lacquer finish, the guarantee for crazing / cracking of paint and the bursting of the underlying wood veneer will expire.

Colours and shape stability:

From 1 October 2014, if a door has been painted in colour class-3, the warranty on form stability will be reduced by 1 class. For example, a door that falls into Form Stability Class 2 will fall into Form Stability Class 1 by applying a Class 3 colour (strong heating).

