

Resene

Total Colour

System

# BS5252 colour range

British Standard 5252

**Resene**

Automotive & Light Industrial

**carboline**  
Coatings - Linings - Fireproofing

ALTEX COATINGS LTD

**Resene**

the paint the professionals use



Weight for section A	A01	A03	A05	A07	A09	A11	A13	A14
00 neutral	Quill Grey™cc N84-008-097	Silver Sand™cc N80-006-102	Mountain Mist™cc N71-003-088	Jumbo™cc N64-001-095	Scarpa Flow™cc N55-002-289	Ship Grey™cc N43-000-147	Baltic Sea™cc N37-002-259	
02 red-purple		Pale Slate™cc N81-004-060		Suva Grey™cc N64-004-043		Mortar™cc N44-005-005		
04 red								
06 yellow-red		Cloud™cc Y81-011-082		Concord™cc N62-007-087		Tundora™cc N45-003-047		
08 yellow-red							Bokara Grey™cc N28-005-068	
10 yellow	Sea Fog™cc N92-005-100	Grey Nickel™cc G80-011-093	Delta Grey™cc G72-013-094	Friar Grey™cc Y62-010-086	Ironside Grey™cc G55-009-094	Dune™cc N44-006-089		
12 green-yellow								
14 green								
16 blue-green		Pumice™cc G80-011-123		Boulder™cc N61-006-148		Cape Cod™cc N45-006-187		
18 blue							Bunker™cc N30-006-253	
20 purple-blue								
22 violet								

Group	B15	B17	B19	B21	B23	B25	B27	B29
02 red-purple								
04 red	Dawn Pink™ O87-015-059	Wafer™ O81-020-048	Del Rio™ BR71-025-048	Hemp™ BR62-025-045	Russett™cc BR53-024-042	Congo Brown™cc BR45-023-034	Cocoa Bean™cc R36-024-030	Havana™cc BR30-016-026
06 yellow-red								
08 yellow-red								
10 yellow								
12 green-yellow								
14 green								
16 blue-green								
18 blue								
20 purple-blue								
22 violet								
24 purple								

Group	C31	C33	C35	C37	C39	C40
02 red-purple		Blossom™ R79-028-015	Can Can™ R72-049-007	Cannon Pink™ R53-050-002	Mulberry™cc R36-043-357	Toledo™cc V29-027-351
04 red	Provincial Pink™ O92-015-049	Shilo™ R80-040-039	My Pink™ R72-061-034	Copper Rust™cc R53-061-032	Red Ochre™cc R37-059-029	Chocolate™cc R28-028-016
06 yellow-red		Brandy™ O80-054-069	Whiskey™ O71-077-059	Toffee™cc O53-077-055	Brown Bramble™cc BR38-044-054	Brown Pod™cc BR30-029-042
08 yellow-red						
10 yellow						
12 green-yellow						
14 green						
16 blue-green						
18 blue						
20 purple-blue						
22 violet						
24 purple						

Group	D41	D43	D44	D45	E49	E50	E51	E53	E55	E56	E58
02 red-purple	Carissima™ R72-069-011	Rouge™ R54-078-001	Disco™ R45-083-002	Nightclub™cc V37-070-349				Cranberry™ R53-084-002		Cardinal™ R43-092-360	Blackberry™ V29-049-347
04 red	New York Pink™ R71-075-036	Mexican Red™ R51-100-031	Old Brick™ R45-096-029	Hot Chile™ R37-084-027	Cinderella™ R90-027-039	Rose Bud™ R81-063-037	Valencia™ R62-121-033	Guardsman Red™ R47-148-036	Milano Red™ R48-145-038	Flame Red™ R41-126-033	Persian Red™ R30-047-016
06 yellow-red											
08 yellow-red											
10 yellow											
12 green-yellow											
14 green											
16 blue-green											
18 blue											
20 purple-blue											
22 violet											
24 purple											





Table with 3 columns of color data (Colour, Code, BSS252 code, Tone, Approx LRV%, RGB) for various paint shades. Includes a Key section with color codes and a Note section with product information.

Note 1: The approximate light reflectance value (LRV) of a colour indicates the amount of visible light that a colour will reflect. Black has a light reflectance value of 0% and absorbs all light. The surfaces are consequently very dark and can get very hot. In contrast, white has a light reflectance value of 100% and keeps a building light and cool. All colours fit within these two extremes. A Resene CoolColour™ is formulated to reflect more of the sun's energy, improving the colour's heat and total solar reflectance (TSR) properties compared to a normal colour, keeping the coating, substrate and building cooler.

Note 2: Mid to dark colours are not suitable for some exterior substrates and if used may cause damage to the substrate, such as warping, checking and premature failure. Always check with the substrate supplier prior to commencing any work to ensure colour selections fit within their guidelines. Resene also manufactures Resene CoolColour technology and this may increase the colour range that can be suitable over some heat sensitive substrates - refer Resene for further information.

Note 3: Tones listed above are subject to change if colours are reformulated.

Note 4: Colours may be available in selected products or sizes only. Check with Resene ColorShop or Reseller staff to ensure your selected colour is available in the product and/or size you require.

Note 5: This colour chart is finished with Resene SpaceCote Low Sheen waterborne enamel, a product ideally suited to kitchens, bathrooms and broadwall areas.



## The British Standard 5252 framework focuses and relates the colours in terms of selected steps based on the visual attributes of hue, greyness and weight.

### Hue

Hue is the attribute of redness, yellowness, blueness and so on of a colour.

The framework has 12 horizontal hue rows in spectral sequence, plus a further row for neutral colours (i.e. without hue), numbered and named as follows:

02	red-purple	16	blue-green
04	red	18	blue
06	yellow-red	20	purple-blue
08	yellow-red	22	violet
10	yellow	24	purple
12	green-yellow		
14	green	00	neutral

The specific hues have been selected to represent all main regions of hue and to produce as many harmonious combinations as possible. Two yellow-red rows are included, one (row 08) to give light browns without pinkness and to harmonise with yellowish woods, stones, bricks, etc; the other row (row 06) to give light pinkish browns and browns in harmony with reddish woods, etc.

### Greyness

Greyness is the estimated grey content of colours. The framework divides the colours into five groups – A to E, representing steps of diminishing greyness as follows:

<b>Group A</b>	grey	<b>Group D</b>	nearly clear
<b>Group B</b>	nearly grey	<b>Group E</b>	clear
<b>Group C</b>	grey/clear		

### Weight

Weight is a subjective term for lightness modified as necessary to produce colours of the same character in different hues.

The framework provides for up to eight vertical columns of colours of equal weight in each greyness group ranging from lightest on the left of the group to darkest or heaviest on the right.

Columns are numbered from the left-hand column of Group A (01) to the right-hand column of Group E (58). The numbering, however, is not regular across eight columns in each group, because some column numbers were established as standard in BS4800.

In Group A and B and substantially in Group C, columns of equal weight have equal lightness. In Group D and E, equal weight requires modifications of lightness in some columns.

### Black and white

Clear black and white are the poles of the weight scale and are extra to the eight columns of weight common to every greyness group. In theory, they should be positioned in separate columns at the extreme right and left respectively of Group E but their inclusion in BS4800 has prevented alteration to their code references.

### Identification of colours

Each colour is identified by a code that indicates its position on the framework and consists of three parts. For example: 08B15, 24E53

- The first part signifies hue and consists of a number with two numerals (neutral colours are designated 00).
- The second part signifies greyness and consists of a letter A to E.
- The third part signifies weight and consists of a number with two numerals.

Codes with the same first pair of numerals identify colours in the same hue row, codes with the same letter indicate colours in the same greyness group and codes with the same second pair of numerals identify colours in the same weight column.

All derived standards specifying colours will use the same codes for the colours as given in this British Standard. Colours that fit into blank spaces in the framework have a co-ordinated relationship to the published colours but cannot be regarded as British Standard colours.

### Application

In general, derived colour standards will be of two kinds: those that specify colours for one particular type of material, such as paints, plastics and vitreous enamels, and those that specify colours for a particular use but are not tied to one material, such as colours for farm building exteriors, office and school furniture and equipment and flooring materials.

Selection of colours from this standard for derived standards should be based on the following considerations:

- Relevant technical and economic factors and performance in use.
- The intended functions of the colours and their appropriateness in terms of the different categories of hue, greyness and weight.

Small scale surface pattern or pronounced texture may prevent a direct match with a colour in this standard. In this event, the relevant colours would be reproduced in the derived standards with their identification code together with a clear statement that they are larger colours only. In the case of small scale surface pattern, the approximations to the target colour shown are to be in terms of the composite or dominant colour, not in terms of the individual colours making up the pattern. Problems of precise control of colour in manufacturing processes should be referred to in the derived standards.





### Keep your place cooler with a Resene CoolColour™

If you are planning to use dark colours outside consider investing in a Resene CoolColour™. Colours made using Resene CoolColour technology reflect more heat than a standard colour reducing the stress on the coating, substrate and building keeping them cooler. Check with Resene ColorShop or Reseller staff to see whether a Resene CoolColour is right for your project.



### Explore a colour library

View an extensive range of Resene colour swatches in the online Resene colour library, then download the ones you like. Once you have found your favourites, order testpots online and try them out for yourself in the real world. Or browse through the in-store libraries of colour that can be found at most Resene ColorShops and Resellers. With thousands of variously coloured A4 swatches to pore over, you're bound to find one that suits.



### 'See' the finish

Virtual painting with Resene EzyPaint allows you to visualise the entire colour scheme before the redecorating even starts. Available free from the Resene website, [www.resene.com/ezypaint](http://www.resene.com/ezypaint).



### Put your colour to the test

No matter how you select your colours, always use testpots to confirm your choices in the area you are planning to paint. Resene testpots are available from your local Resene ColorShop or Reseller or you can order online from the Resene website.



### Keep it looking good

Annual washing will help maintain the fresh appearance of your paintwork. Follow the recommendations in the Resene Caring for your paint finish brochure or on the Resene website to keep your paint finish looking its best.



### Be PaintWise

For tips on minimising the impact of your decorating on the environment see [www.resene.com/paintwise.htm](http://www.resene.com/paintwise.htm).



### Enjoy the Resene Promise of quality

Enjoy the Resene Promise of quality on a wide range of Resene premium paints. See your Resene ColorShop or the Resene website for a copy.



### Choose to help the environment

You can minimise the effect your next decorating project has on the environment by choosing one of the Resene range of Environmental Choice approved products.



Our commitment to sustainability led to Resene being named Sustainable Business of the Year at the 2010 National Sustainable Business Awards.

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