

BS 5252F : 1976



Framework for colour co-ordination for building purposes

# Colour matching fan

British Standards Institution

## BS 5252 F

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for building purposes  
Colour matching fan

### 1. Introduction

This fan contains patches 64mm square of all the colours in the BS 5252 framework.

The fan does not constitute a range of colours for any one product. A colour is only standardized by its inclusion in a derived standard such as those for paint (BS 4800), vitreous enamel (BS 4900), plastics (BS 4901), sheet and tile flooring (BS 4902), and should only be specified by reference to those standards.

Attention is drawn to the matching cards, size A6, issued for BS 4800, which must be used for matching paint colours.

### 2. Colour Identification and arrangement

Beneath each colour is printed in bold type its BS 5252 identification code and in lighter type its approximate Munsell reference. The latter is included only as a further guide to the properties of the colours.

The BS 5252 identification code is to be used for specifying or ordering purposes in combination with the relevant derived standard number (e.g. BS 4901 for a colour in the plastics standard).

The code has three parts which locate the colour in terms of the hue rows, greyness groups and weight columns of the BS 5252 framework. The first part is a two-figure number for its hue row, the second a letter for its greyness group and the third a two-figure number for its weight column (see BS 5252 for definition of hue, greyness and weight).

The colours in the fan are arranged in greyness groups A to E separated by plain cards. Within these groups colours follow the hues down each weight column in turn.

### 3. Matching

When using the fan for matching, it should be borne in mind that the relative appearance of surface colours is affected by the character of the light in which they are compared. Thus, close matches under one illuminant may not be close under others, a phenomenon known as 'metamerism'. It is recommended therefore that comparisons should be made under good diffuse daylight or under an illuminant which meets the requirement of Part 1 'Illuminant for colour matching and colour appraisal' of BS 950 'Artificial daylight for the assessment of colour.' For applications for interior use, samples should also be compared with the individual patches under tungsten light in order to detect severe metamerism.

To aid matching it will be necessary to obscure patches adjoining the one in use. For this purpose a grey mask is included with the fan.

### 4. Caution

The colours in this fan may change with time. It is therefore important to keep the fan out of the light except when in use and avoid handling the patches themselves.

### NOTE

IT IS NOT POSSIBLE TO REPRODUCE ON FILM THE COLOUR PATCHES THAT ARE CONTAINED IN THIS SPECIFICATION.

THE TEXT IS REPRODUCED HOWEVER TO INDICATE THE SCOPE AND INTENTION OF THE STANDARD.