



The alsecco Creative Colour System – An Overview.

Designing in Colour.



Designing in Colour: The Natural Inspiration

Can you imagine nature without colour? A summer meadow; butterflies, mountains and forests, the rainbow, the ocean? Of course not. Nature is colour. And so colour is also a basic human need. This is reflected in our daily lives: whether in fashion or furniture, art or make-up, colours accompany us and stimulate us; colours are symbols and signals, decorations, orientation and fun.

Now it is time to use colour deliberately in the world of building as well. Architecture is our constructed environment. It is designed to serve us, to provide for our working and leisure needs. Architecture should therefore convey harmony and enjoyment of life, using colour in particular to create a relation to and identity with nature.

Material, structure and form – these are the major design elements of the facade. In addition there is the interplay of light and shade. But also the colour of the structural units is a major element of planning and design. It must be in keeping with the properties of the material. It must respect and enhance the architectural idea.

We invite you to use our colour system for a new and creative design of our structured environment.



Colour provides one of the most significant visual stimuli for people. With its motivating effect it motivates human creativity.

Designing with a System: The alsecco Creative Colour System

The alsecco Creative Colour System (aCCS) has been developed exclusively for alsecco by Friedrich Ernst v. Gennier, the colour designer whose fame has spread far beyond the borders of Germany. It is the result of the search for a colourfulness guided by the necessities of a colour spectrum that is predominantly used for the façade. It was created as the basis of practical experience, for practical application. With its series of shades designed for planning architectural colourways, it promises a bright future for building designs.

It offers a range of colours backed by a method, and provides every user with clear answers to the question: "How do we use colour so that the building can become a welcoming and integral element in our environment?"

Harmony in colours must be based on a profound knowledge of the theory of colour and the effect of colours. The alsecco Creative Colour System makes this medium of colour easy to handle, since it pre-orders colour structures into groups of shades.



The alsecco Creative Colour System is specifically concerned with colour, not colourfulness. It encompasses warm, attractive shades that – combined in colour families – are designed to create a pleasing long-term effect. The range extends across the whole colour spectrum and, with its particular grouping, ensures that colour can be handled with style and creativity.



Harmony of Colours: A matched Colour System

The system is based on 25 colour groups that have been selected on the basis of criteria related to colour psychology and pigment technology. By mixing these colours with black or white, 12 harmoniously matched tints are created in each group of colours. Each colour group consists of an active colour range, one that is modified with light grey and one that is modified with dark grey.

The colour groups are supplemented by seven groups of grey with a low colour content, each in four dark and four light gradations. In total, therefore, the *anexco Creative Colour System* consists of 299 different shades.



State-of-the-art use
of purely inorganic
pigments guarantees
optimum technical
reliability.

This means a maximum
of rigidity and
mechanical features
even at high temperatures.



Easy application as a result of well thought-out aids. Shade
planners and colour samples
help at the planning stage.

The *anexco Creative Colour System* dispenses with extremely light gradations of the basic colours. These are superfluous when designing large architectural surfaces because they are insipid, they are not distinctive, they are banal and therefore ineffective. Consequently a material-based colour can be created for surfaces made from mineral substances, such as concrete or plaster.

To make the colour selection easier, we have combined the shades of the *anexco Creative Colour System* in a planning aid. This planning aid contains for instance a colour planner with a patented slot design and colour samples where the colours can be juxtaposed without distracting gaps. These tools make it much easier to assess the interplay of colours.



Recommendations for choosing the right colour for your design

- 1 Every group of colours consists of an active series, a series that is modified with light grey, and one that is modified with dark grey. By combining the individual shades, a wide variety of possibilities offering optimum harmony can be achieved. All the colour groups are matched and can therefore be combined with one another.
- 2 The shades in one of the 25 harmoniously matched colour groups are usually sufficient to ensure a good colour design. These colours allow many facades to appear welcoming and integrating rather than overtly aggressive.
- 3 Various shades from the active series of the individual colour groups can also be combined for placing more lively accents on the facade. However, bold and bright colours should be avoided if a wide variety of shades are to be used on the one project. Such colours lack elegance and their effect rapidly wears off.
- 4 A material-like colourfulness is conferred on surfaces made of mineral substances, such as concrete or plaster, when they are enhanced with aCCS shades. Facade highlights, e.g. special colours used for windows, balcony railings, galleries or other metal components, can be taken from the RAL 8000 range.
- 5 Subtle contrasts can be used to divide large facades around windows, doors, fascias, plaster strips and moldings. Adjacent shades within the same colour group should be used here. Structure and rhythm can be created in this way to confer character on a facade.
- 6 As a rule, the darker shades can be used to carry the lighter shades. Consequently dividing elements appear lighter if they are coated in a lighter shade than the surrounding area. The reverse is true if the dividing elements are darker than the shade of the main surface.



7 In the design of large areas, it is the warm shades that should generally dominate. This creates a harmonious image that conveys homely cheerfulness.

8 The characteristics and use of a building should influence the shades selected. Particularly when planning closed estate structures and whole districts of a city, subtle and forward-looking colour planning sets the standard for acceptance and a feeling of well-being for the people living there.

9 Take the landscape and the architectural environment into account and the way that different colours can offset and harmonise with one another.



Legend:

- 2902 = Shade designation
 ■ = Suitable for synthetic resin-based plasters
 □ = Suitable for asphaltic resin-based paint
 ▲ = Suitable for emulsion and oil-based plasters
 △ = Suitable for silicones and silicone paint
 ● = Suitable for mineral plasters
 ■▲ = Suitable plasters – suitable for mineral plasters, otherwise see above.
 Other or further colours on request
 ● = Suitable for External Wall Insulation Systems (EWIS)
 ○ = Also suitable for weathered concrete coating

R90 = Weathering resistance class 90

TA = Tint additive in %

If there is no symbol, then the product is not available in that shade. Minimum renders with R90's 50% have to be rendered over with plaster.

Group 36**Group 38****Group 40****The 2 colour series of the 7 grey groups****Group 35****Group 37****Group 39****Group 41**

Group 29	Group 31	Group 33
2901 ■ □ ▲ ◆ ○ * 89/20% TA 20%	2911 ■ □ ▲ ◆ ○ * 89/20% TA 20%	2921 ■ □ ▲ ◆ ○ * 89/20% TA 10%
2902 ■ □ ▲ ◆ ○ * 89/20% TA 10%	2912 ■ □ ▲ ◆ ○ * 89/20% TA 10%	2922 ■ □ ▲ ◆ ○ * 89/20% TA 10%
2903 ■ □ ▲ ◆ ○ * 89/20% TA 20%	2913 ■ □ ▲ ◆ ○ * 89/20% TA 10%	2923 ■ □ ▲ ◆ ○ * 89/20% TA 0%
2904 ■ □ ▲ ◆ ○ * 89/20% TA 0%	2914 ■ □ ▲ ◆ ○ * 89/20% TA 0%	2924 ■ □ ▲ ◆ ○ * 89/20% TA 0%
3101 ■ □ ▲ ◆ ○ * 89/20% TA 20%	3111 ■ □ ▲ ◆ ○ * 89/20% TA 20%	3121 ■ □ ▲ ◆ ○ * 89/20% TA 10%
3102 ■ □ ▲ ◆ ○ * 89/20% TA 10%	3112 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3122 ■ □ ▲ ◆ ○ * 89/20% TA 0%
3103 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3113 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3123 ■ □ ▲ ◆ ○ * 89/20% TA 0%
3104 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3114 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3124 ■ □ ▲ ◆ ○ * 89/20% TA 0%
3301 ■ □ ▲ ◆ ○ * 89/20% TA 20%	3311 ■ □ ▲ ◆ ○ * 89/20% TA 20%	3321 ■ □ ▲ ◆ ○ * 89/20% TA 10%
3302 ■ □ ▲ ◆ ○ * 89/20% TA 10%	3312 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3322 ■ □ ▲ ◆ ○ * 89/20% TA 0%
3303 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3313 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3323 ■ □ ▲ ◆ ○ * 89/20% TA 0%
3304 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3314 ■ □ ▲ ◆ ○ * 89/20% TA 0%	3324 ■ □ ▲ ◆ ○ * 89/20% TA 0%

Group 30	Group 32	Group 34
3001 ■□△● 89/20% TA 30%	3011 ■□△▲●○■ 89/30% TA 30%	3021 ■▲△●○● 89/40% TA 30%
3002 ■□△▲●○■ 89/30% TA 20%	3012 ■□△▲●○■ 89/40% TA 20%	3022 ■▲△●○● 89/50% TA 20%
3003 ■□△●○● 89/40% TA 10%	3013 ■▲△●○● 89/50% TA 10%	3023 ■▲△●○● 89/60% TA 10%
3004 ■□△●○● 89/50% TA 0%	3014 ■▲△●○● 89/60% TA 0%	3024 ■▲△●○● 89/70% TA 0%
3201 ■□△●○● 89/20% TA 30%	3211 ■□△●○● 89/30% TA 30%	3221 ■▲△●○● 89/40% TA 30%
3202 ■□△●○● 89/30% TA 20%	3212 ■□△●○● 89/40% TA 20%	3222 ■▲△●○● 89/50% TA 20%
3203 ■□△●○● 89/40% TA 10%	3213 ■□△●○● 89/50% TA 10%	3223 ■▲△●○● 89/60% TA 10%
3204 ■□△●○● 89/50% TA 0%	3214 ■□△●○● 89/60% TA 0%	3224 ■▲△●○● 89/70% TA 0%
3401 ■□△●○● 89/20% TA 20%	3411 ■□△●○● 89/30% TA 20%	3421 ■▲△●○● 89/40% TA 20%
3402 ■□△●○● 89/30% TA 10%	3412 ■□△●○● 89/40% TA 10%	3422 ■▲△●○● 89/50% TA 10%
3403 ■□△●○● 89/40% TA 0%	3413 ■□△●○● 89/50% TA 0%	3423 ■▲△●○● 89/60% TA 0%
3404 ■□△●○● 89/50% TA 0%	3414 ■□△●○● 89/60% TA 0%	3424 ■▲△●○● 89/70% TA 0%

The question is whether there would be a significant increase in the number of people who would be willing to pay for the same services, or whether the price increase would have little effect.

Microscopic cultures can be harvested and measured using highly modified soft agarose. They grow in small clusters that are easily separated by hand. Once separated they can be measured using a digital caliper. This method has the advantage of being able to measure individual colonies without having to count the total number of cells.

After removing the last of the debris from the site, we were able to measure the distance between the two points where the two pieces of the hull had been joined. This was approximately 10 m. The hull had been built in two sections and joined together at the stern.

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ANSWER

the first time in 2001 by government officials, who said they had been unable to find any evidence of a plot to attack the U.S. during the year.

The following were
at the meeting:

1



