



Date: November 2018

Deep matt powder coatings with no hazardous substances

Deep matt powder coatings are currently very popular for both outdoor and indoor use. Karl Bubenhofer AG has developed a special formulation for these powder coatings using no substances that are categorised as hazardous.



The ongoing process of reclassifying chemicals presents paint and powder coating manufacturers with new challenges. In particular in the case of deep matt coatings, it has become difficult to create formulations containing no hazardous substances. Karl Bubenhofer AG began its search for alternatives at an early stage and can now offer deep matt powder coatings for outdoor and indoor use with no constituents that are classified as hazardous. Users no longer have to take additional measures to protect their employees and no mandatory training or special safety equipment is needed.

The POLYFLEX® PAC-140-SD powder coating system is specifically designed for outdoor use. It is highly resistant to weathering, has excellent colour stability and is certified to Qualicoat Class 2. These factors are particularly important for architectural applications, because the long-lasting coatings help to maintain the value of the property. A special “anodised” range consists of high-quality metallic coatings that are bonded and can therefore be processed reliably. The POLYFLEX® PAC-135 system includes a selection of brightly coloured coatings with a standard level of weather resistance. The key advantages of this system include its consistent gloss level across components of different thicknesses and the option of curing it for 15 minutes at an object temperature of only 180°C. This combination of factors is unique and keeps the cost of the application process to a minimum.



KARL BUBENHOFER AG, Hirschenstrasse 26, CH-9201 Gossau
Tel. +41 (0)71 387 41 41, Fax +41 (0)71 387 41 51, www.kabe-farben.ch
Construction paints – plaster – facade insulation – industrial paints – powder coatings

The ideal solution for interior use is the POLYFLEX® PES-50 Matt hybrid powder coating system. It produces deep matt, velvety surfaces that feel pleasant to the touch. The coatings have good levelling properties and are available in plain colours and bonded metallic shades. The benefits of this cost-effective coating system include reliable processing and resistance to chemicals. This makes cleaning easier, in particular for indoor applications, which is an additional advantage of this system over exterior powder coatings. The curing time is 10 minutes at an object temperature of 180°C. The coatings have very high resistance to overbaking, with no reduction in their gloss level and no yellowing. They also have good mechanical properties.

The aim of Karl Bubenhofer AG is to provide its users with modern, safe and sustainable solutions through its entire supply chain. The comprehensive POLYFLEX® PAC-140-SD and PES-50 product ranges consist of smooth flowing, deep matt powder coatings containing no hazardous substances. They provide a simple, future-proof solution that meets the requirements of a variety of different users and is ideal for a wide range of applications.

Consultancy and sales

Switzerland
Tel. +41 (0)71 387 43 73
pulver@kabe-farben.ch
Karl Bubenhofer AG
9201 Gossau

Germany
Tel. +49 (0) 7255 99 161
info@kabe-pulverlack.de
KABE Pulverlack Deutschland GmbH
D-76676 Graben-Neudorf