

Prüfdienst der DSGS e.V.  
Dr. Claudia Drewes • Simmershäuser Str. 101a • D-34125 Kassel

Swarco Limburger Lackfabrik GmbH  
Robert-Bosch-Str. 17  
65582 Diez

**Prüfdienst der DSGS e.V.**

Geschäftsstelle:  
Dr. Claudia Drewes  
Simmershäuser Str. 101a  
D-34125 Kassel  
Telefon: +49 561 8102599  
Fax: +49 561 8102598

Bankverbindung:  
KASSELER BANK e.G.  
BIC: GENODE51KS1  
IBAN: DE18 5209 0000 0000 1518 23  
Vereinsregister AG Kassel: VR 1151  
Prüfstellen-Nr. F 0186  
Steuer-Nr.: 29 210 00932  
USt-Id-Nr. DE 113055741

Kassel, 26.02.2018

**Comment on DSGS-Certificates on testing of marking systems on chromaticity co-ordinates, luminance factor  $\beta$  and resistance to chemicals and conformity to EASA**

Dear Sir or Madam,

the testing institute of the German Road Marking Association (DSGS) awards certificates on marking systems tested on chromaticity co-ordinates, luminance factor  $\beta$  and resistance to chemicals according to the German regulations "Hinweise und Anforderungen für Markierungen auf Flugbetriebsflächen" ("Instructions and Requirements for markings on manoeuvring areas"). A list of the marking systems certified so far is available on the DSGS website: [www.dsgs.de](http://www.dsgs.de).

The requirements of the International Civil Aviation Organization (ICAO) regarding chromaticity co-ordinates and luminance factor  $\beta$  are matter of the tests. The requirements are being fulfilled for all the marking systems named in the certificates (except for the chromaticity co-ordinates for the colours sky blue, light blue and grass green). Nevertheless, the RAL colours sky blue and grass green are recommended in the "Instructions and Requirements for markings on manoeuvring areas" because of their better perceptibility. According to ICAO there are no requirements on the resistance to chemicals.

The regulations of the European Aviation Safety Agency (EASA) and ICAO on manoeuvring areas are identical regarding the requirements on markings for chromaticity co-ordinates and luminance factor  $\beta$  (according to EASA there are also no requirements on the resistance to chemicals).

Therefore the requirements of EASA on marking systems are being fulfilled in the certificates mentioned above, too (except for the chromaticity co-ordinates for the colours sky blue, light blue and grass green).

For further information please do not hesitate to contact us.

Best Regards

