

Spezifikation

Quality – I do it right first !



Low Glare Mirror – Position 1 (first surface coated)

Product specification / Requirements (FLABEG-Standard)

- | | | |
|--------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------|
| 1. Mirror structure: | interference layer 2
interference layer 1
chrome, first surface coated
floatglass | |
| 2. Transmission: | < 2,5 % | |
| 3. Reflectivity:
(Control Item) | 48 % - 62 % | } acc. to SAE - J964a / ISO 5740
Standard light source „A“ |

Reflectivity of Xenon-beam with consideration of sensitivity of the human eye:

20 % - 30 %

The coating design takes into account the different spectral sensitivity of the human eye during day and night in order to minimize glare by other car's headlights

Glare reduction factor below 0,50 (= $R_{\text{night}} / R_{\text{day}}$)

- | | | |
|----------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 4. Colour: (L,a,b) | a-range: from +5 to +35
b-range: from +5 to +35 | } Standard light source C/2° |
| 5. Abrasion resistance: | 1000 strokes, 1 kg load with BLAISDEL 536T Eraser | |
| 6. Wipe test: | with soft cloth and Isopropylalcohol | } no detachment of coating
no discolouration or stains in the coating
Reflectivity and colour within specification after test |
| 7. Saltspray-Test: | 480 h
DIN EN ISO 9227 NSS | |
| 8. CASS-Test: | 120 h
DIN EN ISO 9227 CASS | |
| 9. Corrodokote-Test: | 20 h ASTM B 380-65 | |
| 10. Cycling test: | 4 cycles:
16 h DIN EN ISO 6270-2 CH /
4 h -40°C / 4 h + 90° | |
| 11. High temperature test: | 240 h + 93°C | |
| 12. Low temperature test: | 240 h - 30°C | |
| 13. Dipping test: | 25 cycles
5 sec. each: 0°C - 100°C H ₂ O | |
| 14. Humidity test: | 500 h DIN EN ISO 6270-2 CH | |
| 15. Adhesion test: | with tape 3M-8981
after test No. 10, 11, 12 and 13 | |

Distribution: BES-B4, BLAB-B, KAL-B4, TG-B1, LOG-B4, LOG-B8, PCM-B, QS-B, QS-B4, QS-B8, VK-B4/8, F&E

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