



INTERNATIONAL STANDARD ISO 2813:1994  
TECHNICAL CORRIGENDUM 1

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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

# Paints and varnishes — Determination of specular gloss of non-metallic paint films at 20°, 60° and 85°

## TECHNICAL CORRIGENDUM 1

*Peintures et vernis — Détermination de la réflexion spéculaire de feuillets de peinture non métallisée à 20°, 60° et 85°*

RECTIFICATIF TECHNIQUE 1

Technical Corrigendum 1 to International Standard ISO 2813:1994 was prepared by Technical Committee ISO/TC 35, *Paints and varnishes*, Subcommittee SC 9, *General test methods for paints and varnishes*.

To improve the repeatability and reproducibility of specular-gloss measurements, ISO 2813 should be corrected by reducing the source image aperture tolerances (table 1) and introducing the quartz wedge as primary reference standard (subclause 5.4.1). The changes are underlined.

**Table 1 — Angles and relative dimensions of source image and receptor aperture**

| Parameter             | In plane of measurement <sup>1)</sup>  |                                     |                               | Perpendicular to plane of measurement |                                     |                               |
|-----------------------|----------------------------------------|-------------------------------------|-------------------------------|---------------------------------------|-------------------------------------|-------------------------------|
|                       | angle $\sigma^{2)}$                    | $2 \tan \sigma/2$                   | relative dimension            | angle $\sigma^{2)}$                   | $2 \tan \sigma/2$                   | relative dimension            |
| Source image aperture | $0,75^\circ \pm \underline{0,1^\circ}$ | $0,013\ 1 \pm \underline{0,001\ 8}$ | $0,171 \pm \underline{0,023}$ | $2,5^\circ \pm \underline{0,1^\circ}$ | $0,043\ 6 \pm \underline{0,001\ 8}$ | $0,568 \pm \underline{0,023}$ |

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**Descriptors:** paints, paint coats, films, tests, optical tests, measurement, gloss, specular reflection.

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