

**PAINTS COATINGS, VARNISHES AND SIMILAR PRODUCTS
POLISHING**

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RESTRICTION DESCRIBED IN THE NORME

This is a translation, the French original shall be used in all cases of litigation

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PROHIBITED for NEW DESIGNS and NOT REPLACED**1.OBJECT AND FIELD OF APPLICATION**

The object of this method is to describe the more of operation for defining polishing conditions for paint coatings, varnishes and similar products after natural or accelerated ageing.

2.PRINCIPLE

The specimen is coated with a polishing product, using a pad, and cleaned by a reciprocal movement until a constant gloss is obtained.

3.EQUIPMENT

- Polishing product:
 - granulometry: mean statistical diameter 0,5 µm,
 - abrasive of the Neubourg silica type or calcium carbonate,
 - abrasive solution in de-aromatised white-spirit.
- Cotton wool.
- Gauze.
- Equipment for measuring gloss (test method D25 1413).

4. MODE OF OPERATION

- Shake the flask containing the polishing product vigorously before soaking the cotton wool pad in it.
- Rub the specimen using a to-and-fro movement.
- After 30 to-and-fros, wipe the plate with a clean pad, then with the gauze pad.
- Measure the gloss (test method D25 1413).
- Repeat this operation until the maximum gloss figure (Be) has been obtained.

5.EXPRESSION OF RESULTS

- Indicate the gloss figure (Be) and take the difference (gain or loss of gloss) in relation to the initial gloss of the unpolished specimen (Bi).
- Indicate the variation in gloss: $\Delta B = B_i - B_e$

6.TEST REPORT

As well as results obtained, the test report must indicate:

- the reference to this method,
- the glossmeter used,
- the nature of the pad and the polishing product, if these differ from the ones indicated in the method,
- the operational details not specified in the method as well as any incidents likely to have affected the results.

7.RECORDS AND REFERENCE DOCUMENTS

7.1.RECORDS

7.1.1.CREATION

- OR: 01/01/1985 – CREATION OF THE NORME

7.1.2.SUBJECT OF THE MODIFICATION

- B: 28/03/2002 – PROHIBITED FOR NEW DESIGNS (L. DAVID)
- A: 18/02/1997 – INTRODUCTION TO IDEM (French only)

7.2.REFERENCE DOCUMENTS

7.2.1.PSA DOCUMENTS

7.2.1.1.Normes

D25 1413.

7.2.1.2.Others

7.2.2.EXTERNAL DOCUMENTS

7.3.EQUIVALENT TO:

7.4.CONFORMS TO:

7.5.KEY-WORDS