



BSI Standards Publication

Slurry surfacing - Test method

Part 5: Determination of the minimum binder content and wearing resistance

National foreword

This British Standard is the UK implementation of EN 12274-5:2018. It supersedes BS EN 12274-5:2003, which is withdrawn.

BSI, as a member of CEN, is obliged to publish EN 12274-5:2018 as a British Standard. Attention is drawn to the fact that during the development of this European Standard, the UK committee voted against its approval.

The main concern related to Clause 6.2, item 6): 80° Shore hardness rubber specified in EN 12274-5:2003 for the hose on the abrasion head changed to (85 ± 5) IRHD hardness rubber. Shore readings (A) are usually a few degrees higher than IRHD and so, the committee considered that this conversion is not acceptable, because it suggests that the rubber changes effectively from firm to hard.

Prior to the publication of EN 12274-5:2003, the British Standard method in BS 434-2:1984 specified the rubber hardness to be 66-75 IRHD. This meant that laboratories complying with the new European Standard used a slightly harder rubber. Test results to the EN standard are different, possibly due in part to rubber hardness. All of the results of test to the EN Standard relate to the new grade of rubber. Therefore, the committee considered that, although supporting the IRHD system, it was desirable that the rubber should continue to have a similar hardness.

CEN/CCMC accepted the proposal of WG2 subsequently, so that the requirement is consistent with the available rubber hose, as specified in the previous standard.

There was also concern that the specified dimensions of the abrasion head in Figure 2 are not necessarily compatible with the specified mass of the complete abrasion head (all parts including bridles and screws) and that the dimensions of the counterweight should be approximate only.

The UK participation in its preparation was entrusted to Technical Committee B/510/2, Surface treatments.

A list of organizations represented on this committee can be obtained on request to its secretary.

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