



भारतीय मानक ब्यूरो

(उपभोक्ता मामले, खाद्य एवं सार्वजनिक वितरण मंत्रालय, भारत सरकार)

BUREAU OF INDIAN STANDARDS

(Ministry of Consumer Affairs, Food & Public Distribution, Govt. of India)

मानक भवन, 9 बहादुरशाह जफर मार्ग नई, दिल्ली-110002

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व्यापक परिचालन मसौदा

हमारा संदर्भ: सीईडी 05/टी-76

08 अगस्त 2025

तकनीकी समिति : फर्श, दीवार फिनिशिंग और छत विषय समिति, सीईडी 05

प्राप्तकर्ता :

- क) सिविल अभियांत्रिकी विभाग परिषद, सीईडीसी के सभी सदस्य
- ख) सीईडी 05 के सभी सदस्य
- ग) रुचि रखने वाले अन्य निकाय।

महोदय/महोदया,

निम्नलिखित भारतीय मानक का मसौदा संलग्न है:

प्रालेख संख्या	शीर्षक
सीईडी 05(27976) WC	सिरेमिक, पच्चीकारी और पत्थर की टाइलों में प्रयुक्त आसंजक — विशिष्टि का मसौदा संशोधन संख्या 2 (आईएस 15477 का पहला पुनरीक्षण), आई सी एस 83.180; 91.100.25

कृपया इस मानक के संशोधन के मसौदे का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजे कि यह मसौदा प्रकाशित हो तो इन पर अमल करने में आपको व्यवसाय अथवा कारोबार में क्या कठिनाइयाँ आ सकती हैं।

सम्मतियाँ भेजने की अंतिम तिथि: 08 सितम्बर 2025

सम्मति यदि कोई हो तो कृपया अधोहस्ताक्षरी को ई-मेल द्वारा ced5@bis.gov.in पर या उपरलिखित पते पर, संलग्न फॉर्मेट में भेजें। सम्मतियाँ बीआईएस ई-गवर्नेंस पोर्टल, www.manakonline.in के माध्यम से ऑनलाइन भी भेजी जा सकती हैं।

यदि कोई सम्मति प्राप्त नहीं होती है अथवा सम्मति में केवल भाषा संबंधी त्रुटि हुई तो उपरोक्त प्रालेख को यथावत अंतिम रूप दे दिया जाएगा। यदि सम्मति तकनीकी प्रकृति की हुई तो विषय समिति के अध्यक्ष के परामर्श से अथवा उनकी इच्छा पर आगे की कार्यवाही के लिए विषय समिति को भेजे जाने के बाद प्रालेख को अंतिम रूप दे दिया जाएगा।

यह प्रालेख भारतीय मानक ब्यूरो की वेबसाइट www.bis.gov.in पर भी उपलब्ध हैं।

धन्यवाद।

भवदीय

ह/-

द्वैपायन भद्र

(वैज्ञानिक 'ई' एवं प्रमुख)

(सिविल अभियांत्रिकी विभाग)

संलग्न: उपरलिखित



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WIDE CIRCULATION DRAFT

Our Reference: CED 05/T-76

08 August 2025

**Technical Committee: Flooring, Wall Finishing and Roofing Sectional Committee,
CED 05**

ADDRESSED TO:

- a) All Members of Civil Engineering Division Council, CEDC
- b) All Members of CED 05 and its Subcommittees,
- c) All other interested.

Dear Sir/Madam,

Please find enclosed the following draft:

Doc No.	Title
CED 05 (27976) WC	Draft Amendment No. 2 Adhesives for use with Ceramic, Mosaic and Stone Tiles — Specification (First revision of IS 15477 : 2019), ICS 83.180; 91.100.25

Kindly examine the attached draft amendment and forward your views stating any difficulties which you are likely to experience in your business or profession, if this is finally adopted as National Standard.

Last Date for Comments: 08 September 2025

Comments if any, may please be made in the enclosed format and emailed at ced5@bis.gov.in or sent at the above address. Additionally, comments may be sent online through the BIS e-governance portal, www.manakonline.in.

In case no comments are received or comments received are of editorial nature, kindly permit us to presume your approval for the above document as finalized. However, in case comments, technical in nature are received, then it may be finalized either in consultation with the Chairman, Sectional Committee or referred to the Sectional Committee for further necessary action if so desired by the Chairman, Sectional Committee.

The document is also hosted on BIS website www.bis.gov.in.

Thanking you,

Yours faithfully,
Sd/-

(Dwaipayan Bhadra)
Head (Civil Engineering)

Encl: As above

FORMAT FOR SENDING COMMENTS ON BIS DOCUMENTS

(Please use A-4 size sheet of paper only and type within fields indicated. Comments on each clause/sub-clause/table/fig etc. be started on a fresh box. Information in column 3 should include reasons for the comments and suggestions for modified working of the clauses when the existing text is found not acceptable. Adherence to this format facilitates Secretariat's work) {Please e-mail your comments to ced5@bis.gov.in}

Doc. No.: CED 05 (27976) WC

Title: DRAFT AMENDMENT NO.2 TO ADHESIVES FOR USE WITH CERAMIC,
MOSAIC AND STONE TILES — SPECIFICATION
(First revision of IS 15477 : 2019), ICS 83.180, 91.100.25

LAST DATE OF COMMENTS: 08 September 2025

NAME OF THE COMMENTATOR/ORGANIZATION: _____

Sl. No.	Clause/Sub-clause/Para No.	Comments/Suggestions	Modified Wordings	Reasons/Justifications for the Proposed Changes
(1)	(2)	(3)	(4)	(5)

NOTE – Kindly insert more rows as necessary for each clause/table, etc.

BUREAU OF INDIAN STANDARD

DRAFT FOR COMMENTS ONLY

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DRAFT AMENDMENT NO. 2 AUGUST 2025

TO

**IS 15477 : 2019 ADHESIVES FOR USE WITH CERAMIC, MOSAIC AND
STONE TILES — SPECIFICATION**
(First Revision)

[Page 5, Clause **A-6**, (a)] — Substitute the following with the existing:

‘a) Dry condition —

- i) Store the specimens under standard conditions for 27 days.
- ii) Thereafter bond the pull head plates to the tiles with a suitable high strength adhesive (example, epoxy).
- iii) Thereafter store them for further 24 h under standard conditions.
- iv) Determine the tensile adhesion strength of the adhesive as per the procedure given in **A-7.**

[Page 5, Clause **A-6**, (b)] — Substitute the following with the existing:

‘b) Wet condition —

- i) Store the specimens under standard conditions for 7 days.
- ii) Thereafter immerse in water at standard temperature for 20 days.
- iii) Remove the specimens from water, wipe with a cloth, and bond the pull head plates to the tile or stone.
- iv) Keep the bonded sample for 7 h under standard conditions.
- v) Subsequently, immerse the specimen in water for another 24 h at standard temperature.
- vi) On the following day that is; after total 28 days, remove the specimens from water, wipe with a wet cloth and immediately determine the tensile adhesion strength of the adhesive as per the procedure given in **A-7.**