

भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)

हमारा संदर्भ : सी एम डी - III/16 : 15477

07 अगस्त 2019

विषय : पुनरीक्षित आई एस 15477 : 2019 के अनुपालन के लिए दिशानिर्देश ।

इसे उपरोक्त विषय का संदर्भ प्राप्त है।

सक्षम प्राधिकारी ने **पुनरीक्षित आई एस 15477 : 2019** के अनुपालन हेतु दिशानिर्देश को अनुमोदित कर दिया है। पुनरीक्षित प्रोडक्ट मैन्युअल बीआईएस वेबसाइट पर प्रदर्शित किया गया है।

सभी शाखा कार्यालयों से अनुरोध है की उपरोक्त दिशानिर्देश का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(एस डी राणे)
वैज्ञानिक ई (सी एम डी-III)

प्रमुख (सी एम डी- III)
सभी क्षेत्रीय /शाखा कार्यालय

प्रतिलिपि : आई टी एस विभाग - बी आई एस इंटरनेट पर डालने हेतु।

BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)

Our Ref: CMD-III/16 : 15477

07 August 2019

Subject: Guidelines for implementation of revised IS 15477 : 2019 'Adhesive for use with ceramic, mosaic and stone tiles'

This has reference to the subject mentioned above.

The Competent Authority has approved guidelines for implementation of **revised IS 15477 : 2019**. Revised Product Manual is hosted on BIS website.

All BOs are requested to ensure the implementation of the above guidelines with immediate effect.

(S. D. Rane)
Sc-E (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

Copy to: ITS – for hosting on Intranet please

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD III/16: 15477

07 August 2019

Subject: Guidelines for implementation of Revised IS 15477 : 2019 ‘Adhesive for use with Ceramic, Mosaic and Stone Tiles’

1. IS 15477 : 2004 has been revised as IS 15477 : 2019 and has been published. The last date for implementation of the revised Standard is 07 January 2020 after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard **within a week of issuance of these guidelines**.
3. The significant changes in the revised Standard as listed in the Table is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause	Description	Requirement
-	Forward	General changes incorporated during the revision are as below: a) Title of standard revised as ‘Adhesives for use with ceramic, mosaic and stone tiles’. b) Adhesives classified into five types. c) Unit of adhesive strengths have been modified into load per unit area. d) UTM is specified in test methods for determination of adhesive strengths. e) Slip and deformation of adhesives specified for adhesives intended for vertical application. f) Requirements for rheology and storage stability is deleted. g) Porosity of tiles used for testing of adhesives is defined for type 1 and other types.
1	Scope	Scope is revised specifying applicability of adhesives for installation of various tiles such as ceramic (vitrified/non-vitrified), porcelain, clay, glass, glass mosaic, metal, natural stone and engineered stone tiles.
3	Definitions	Definitions for fine thin bed fixing, medium thick bed fixing, open time, adjustment time, shelf time, slip, deformability and transverse deformation added. Definition of thin bed fixing modified.
4	Classification	Adhesives classified into 5 types.
5.5	Slip	Requirement added as new clause.
5.6	Deformability	Requirement added as new clause.
8.2	Marking	Marking clause modified to include declared parameters

Annex- A	Determination of tensile adhesion strength	Test method is modified and dry and wet conditioning period was revised to 27 days from earlier 14 days.
Annex- B	Determination of shear adhesion strength	Test method is modified and dry, heat ageing and wet conditioning period was revised to 28 days.
Annex- C	Determination of open time	Expression of results of open time modified
Annex-E	Determination of slip	Test added
Annex –F	Determination of deformability	Test added
Annex-G	Concrete test slab	Requirement added

4. Consequent upon the issuance of the revised Standard, existing SIT in the Product Manual has been revised and included in the revised Product Manual Doc: PM/IS 15477/2/August 2019.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by 07 January 2020. BOs shall ensure that no Licences are under operation as per the old Standard after 07 January 2020. **The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.**
- (ii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports or Test Certificates, as applicable. Verification of implementation of the revised Standard, wherever required, may be done during the next visit, **which may normally be completed within three months of the last date of concurrent running.**
- (iii) If the Licensee fails to complete all actions by 07 January 2020 it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall from such Applicants also be obtained that in new test requirements, Licence will not be granted by BIS as per the old version.

(ii) Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only upto 07 January 2020 and for such cases, Applicant shall give a declaration that they will implement the revised Standard by 07 January 2020.

(iii) Beyond 07 January 2020 no Licence shall be granted as per the old Standard.

C. CHANGE IN SCOPE OF LICENCE:

(i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.

(ii) However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only upto the date of implementation of the revised Standard or upto 07 January 2020 whichever is earlier.

6. The above guidelines come into force with immediate effect.

(S D Rane)
Sc-E (CMD-III)

Head (CMD III)
DDG (Certification)