



# SHRIRAM INSTITUTE FOR INDUSTRIAL RESEARCH

(A unit of Shriram Scientific and Industrial Research Foundation)

19, University Road, Delhi - 110007 (India)  
An ISO - 9001, 14001 & OHSAS 18001 Certified Institute

Website : www.shriraminstitute.org  
E mail id : customercare@shriraminstitute.org

## TEST CERTIFICATE

NO. : C1/0000167661

### Issued To:

Client Code : B0102  
BALAJI ACTION BUILDWELL  
G-11, UDYOG NAGAR ,PEERAGARHI -  
ROHTAK ROAD ,NEW DELHI  
DELHI  
DELHI-110041  
Kind Attn: MR. RAVINDER AGARWAL

Date 28/03/2019

Job No. 1903-1-172-1321

Booking No. RG1819/1/14306

Booking Date 11/03/2019

Customer Ref No. -

Customer Ref Date 11/03/2019

ULR NO. TC544419000005466F



### Sample Description :

ONE SAMPLE DESCRIBED AS 32MM IIDIIMR DOOR OF DIMENSION 7' X 3' MARKED AS ACTION TESA PLAIN, WAS RECEIVED.

(The sampling was not carried out by shriram institute for industrial research. The sample particulars provided in the certificate are based on declaration by the sponsor)

### TEST RESULT

AS PER IS:2202 (PART-1) 1999 RA 2011

S.No	Tests	Observation	Requirement	Conformity	Protocol
1	Dimensions & Squariness test,mm				IS:4020 (Pt-II)-1998
	i) Height	2136	-	-	
	ii) Width	916	-	-	
	iii) Thickness	32.5	-	-	
	iv) Variation in thickness	0.3	0.8 Max.	Yes	
	v) Squariness	Nil	Shall not deviate by more than 1mm	Yes	
2	General flatness test,mm				IS.4020 (Pt-III)-1998
	i) Twist	Nil	6 Max.	Yes	
	ii) Warping & Cupping	Nil	6 Max.	Yes	
3	Local Planeness test,mm	Nil	0.5 Max.	Yes	IS:4020 (Pt-IV)-1998
4	Impact Indentation test				IS:4020 (Pt-V)-1998
	i) Visual Observation	No defect such as cracking, tearing & delamination observed	Shall have no defects such as cracking, tearing & delamination	Yes	
	ii) Depth of Indentation, mm	Nil	0.2 Max.	Yes	
5	Flexure test				IS:4020 (Pt-VI)-1998
	i) Deflection after 15 Minutes of loading of 50kg	42	61 Max.	Yes	

AUTHORISED SIGNATORY  
EMPLOYEE CODE : ( 6017 )

GC-01(Rev-05)

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See overleaf for terms & conditions



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6.	Edge loading test , mm i) Deflection at load of 100kg for 15 minutes. ii) Deflection at removal of load of 100kg after 3 minutes iii) Lateral buckling during load of 100 kg for 15 minutes. iv) Lateral buckling after removal of 100 kg load for 3 minutes.	2.5 0.2 0.7 Nil	5 Max 0.5 Max 2 Max Nil	Yes Yes Yes Yes	IS:4020 (Pt-VII)-1998
7.	Shock resistance test i) soft and light body impact ii) soft and heavy body impact	No visible damage in any part of the door No permanent deformation or deterioration observed	Shall be no visible damaged in any part of door. shall be no permanent deformation and deterioration	Yes Yes	IS:4020 (Pt-VIII)-1998
8.	Buckling test i) Visual ii) Initial deflection at load of 40 kg for 5 minutes, mm iii) Deflection after 15 minutes of unloading of 40kg, mm	No sign of any deterioration observed 32 2.6	shall not show any deterioration 50 Max. 5 Max.	Yes Yes Yes	IS:4020 (Pt-IX)-1998
9.	Slamming test	No visible damaged in any part of the door	shall not show any visible damage in any part of door	Yes	IS:4020 (Pt-X)-1998
10	Misuse test	No deformation observed	shall not show any deformation	Yes	IS:4020 (Pt-XI)-1998
11	Glue adhesion test	Does not pass the test	To pass the test	No	IS:4020 (Pt-XV)-1998
12	Screw withdrawal resistance test, N	1688	1000 Min.	Yes	IS:4020 (Pt-XVI)-1998

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- Remarks**(1) No requirement and conformity has been given on dimension (Height, width, thickness) since party has not declared.  
2. End immersion test could not be carried out as per clause 11.12 of IS:2202(Part-I)/1999 Since the sample fails in glue adhesion test.  
3.Knife test could not be possible on provided sample.  
4.Varying humidity test report will be given later on.

D.O.R-11.03.2019

D.O.C-27.03.2019(PR)

CC : ho@actiontesa.com

*[Handwritten Signature]*  
**AUTHORISED SIGNATORY**  
**EMPLOYEE CODE : ( 6077)**

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