

QUALITY IS NOT A MATTER OF CHANCE
"TESTING ENSURES QUALITY"

Laboratory Executive :
Prof. Praful H. Anandjiwala
B.E. (Civil) F.I.E., C.Engg. (India)
Chartered Engineer

- Testing consultants
- Soil, Cement, Steel, Concrete, building material testing & concrete mix designs.
- Quality Assurance Services.
- Development of non Conventional building materials.



**AHMEDABAD
ENGINEERING
RESEARCH
INSTITUTE**
GOVT. APPROVED

MATERIAL, METAL & SOIL TESTING LABORATORY

Office : G-4, Ground Floor, New York Tower 'A',
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MTL.NO:-L -270/1

CLIENTNAME: -FLEX STONE INC, 3, AMBICA INDUSTRIAL ESTATE, B/H SUPPER ATTA VIRAMGAM ROAD
VILLAGE LYAVA, TAL.SANAND, AHMEDABAD-382110

YOUR REF.NO. - NIL

DATE:-10-02-14

KIND OF MATERIALS: ADHESIVES USE WITH ARTIFICIAL STONE S

SOURCE: - N.S

DATE: - 20-02-2014

SUBJECT: - ADHESION TEST ON ARTIFICIALSTONE

REF.STANDARD:- N.S

TEST REPORT

SR.NO	TEST PARAMETER	RESULT	LIMITS OF UEAtC-30 - 1993
1	ADHESION STRENGTH IN N/mm ² (i) DRY CONDITION IN 7 DAYS (II) WET CONDITION IN 7 DAYS	2.87N/mm ² 4.12 N/mm ²	NOT LESS THAN 2.5 N/mm ² NOT LESS THAN 4.0 N/mm ²

REMARK:-STONE SAMPLE TESTED IN WET CONDITION FOR COMPRESSION & FLEXURAL TEST.
The Test Results are concerned only with supplied stone sample

For, AHMEDABAD ENGINEERING RESEARCH INSTITUTE

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MTL.NO:-L-270/2

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YOUR REF.NO. - NIL

DATE:-10-02-14

KIND OF MATERIALS: ARTIFICIAL STONE SAMPLE

SOURCE: - N.S

DATE: - 20-02-2014

SUBJECT: - EFFECT OF COMMONLY USED CHEMICALS ON ARTIFICIALSTONE

REF.STANDARD:- ACI-201-2R

TEST REPORT

RATE OF ATTACK	ACIDS	ALKALISOLUTIONS	SALT SOLUTIONS	RESULT
RAPID	HYDROCHLORIC			SATISFACTORY NO SIGN OF CRAKS &NO LOSS OF WEIGHT
RAPID	NITRIC			SATISFACTORY NO SIGN OF CRAKS &NO LOSS OF WEIGHT
RAPID	SULFURIC			SATISFACTORY NO SIGN OF CRAKS &NO LOSS OF WEIGHT
RAPID		SODIUMHYDROXIDE > 20%		SATISFACTORY NO SIGN OF CRAKS &NO LOSS OF WEIGHT
RAPID			ALUMINIUMCHLORIDE	SATISFACTORY NO SIGN OF CRAKS &NO LOSS OF WEIGHT

REMARK:-STONE SAMPLE TESTED IN WET CONDITION FOR COMPRESSION &FLEXURAL TEST.
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