

DEPARTMENT OF HANDLOOMS AND TEXTILES

From

Tmt.G.LATHA, I.A.S.,
Director of Handlooms and Textiles,
Kuralagam 2nd Floor,
Chennai - 108.

To

Chairman,
South India Mills Association (SIMA)
Coimbatore.

R.C. 8809/2016/B3, Dated: 29.03.2016.

Sir,

Sub: Textile Industry - Low cost light weight Modular toilet using Technical Textiles - Textile Reinforced Concrete (TRC) - forwarding the brochure of TRC - Regarding.

Ref: Government letter No.1620/C2/2016-1 of Handlooms, Handicrafts, Textiles and Khadi Department dated 04.03.2016.

I wish to state that in the reference cited Government have enclosed a D.O.Letter of Joint Secretary, Ministry of Textiles Government of India, (Copy of the letter enclosed) wherein Joint Secretary, Ministry of Textiles Government of India stated that Ahmedabad Textile Industry Research Association (ATIRA) has developed a low cost light weight modular toilet using Technical Textiles Textile Rain forced concrete (TRC).

The Joint Secretary, Ministry of Textiles Government of India has further state that this toilet can be installed in four hours at any location at an approx of Rs.12,000/- Product Advantaged of light weight Textile Rain forced concrete Panels.

- 1) Reduced density.
- 2) High compressive strength
- 3) Improved thermal insulation properties.
- 4) Purely Mineral, recyclable & light weight concrete.
- 5) Environment friendly, energy efficient technology
- 6) The Material has very low water absorbance capacity ie.10-15%
- 7) Fire & Termite resistant.
- 8) High thermal insulation
- 9) Low cost, light weight and prefabricated premium walls.

Hence, I request you to consider using this innovative technology at your premises.

/BY ORDER/

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-9 APR 2016			Others	
Text / Courier / E-Mail / In-Person				

S. Vinod Kumar
4-4-16
for Director.

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RIGHT TO INFORMATION



C.No 16201 02/8/19
29/2/16

भारत सरकार
वस्त्र मंत्रालय
GOVERNMENT OF INDIA
MINISTRY OF TEXTILES
NEW DELHI - 110 107
WebSite:- <http://texmin.nic.in>

ANU GARG (IAS),
JOINT SECRETARY

D.O.No.10/13/2015-R&D

Dear Sir,

It gives me a great pleasure to share that one of our Textile Research Associations, Ahmedabad Textile Industry Research Association (ATIRA) has developed a low cost light-weight modular toilets using Technical Textiles [Textile Reinforced Concrete (TRC)].

2. This toilet can be installed in four hours at any location at an approx. cost of Rs.12,000/-. The modular toilet uses pultruded composite frame and hybrid jute reinforced composite. The materials used in installing these toilets are fire and UV resistant. Thus, this technology can prove to be a cost effective solution for safe and sustainable sanitation. The toilet is based on Twin-Pit Pour-Flush (TPPF) system. It is build with basic components such as toilet Pan Water Seal, Super-structure, interconnecting pipes, leach pits and light points. This toilet is 8 ft in height, 2.99 ft in Length and 3.99 ft. in breadth. I am enclosing a brochure of this TRC modular toilet.

3. You may consider using this innovative technology as part of your ongoing efforts towards "Swachh Bharat".

4. For any further queries about this technology you may contract:-

Dr.A.K.Sharma, Director, ATIRA, Ahmedabad (Contact no.07926307921; Email id: director@atira.in)

With regards,

Encl: As above

Yours sincerely,

(ANU GARG) 29/2/16

To

- i) Chief Secretary (all State Governments & UTs)
- ii) Chairman/CMD of PSUs (M/o Textiles)