

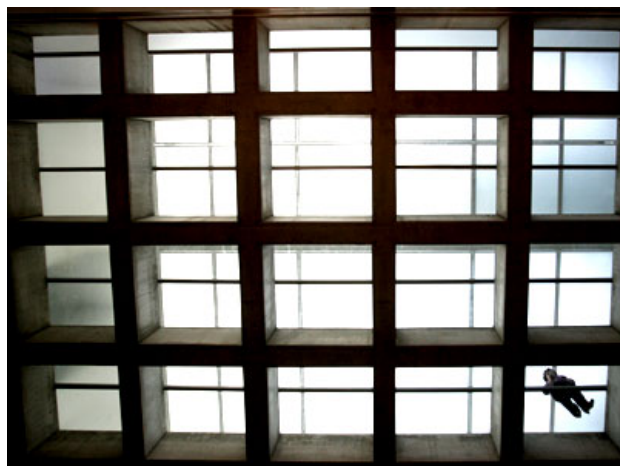
Home > **International**

Italians invent transparent cement

 January 6th, 2011
 IANS

Share 9 | Retweet 2 | Buzz up! | Like 9 | A A | SHARE | EMAIL | PRINT

Tags: best picks, Infrastructure



London: Italian architects have made transparent cement that lets light flood into a room.

The material, called i.light, has dozens of tiny holes in it, which lets light pass through it without compromising the structural integrity.

Up close, the 2-3 mm gaps make a startling pattern and from certain angles or at a distance appear exactly the same as normal concrete.

But on a sunny day, the effect inside a building made from the new cement is akin to a little more than a light mesh on the wall filtering the light coming in, the Daily Mail reported.

The cement has been formed by bonding special resins in a new mix

created by Italian architects Italcementi.

So far, it has been used only for one building, the Italian pavilion at last year's Expo in Shanghai, but it has already been suggested it could save electricity that would otherwise be required for daytime lighting.

Italcementi used i.light for around 40 percent of the 18-metre high Expo pavilion, or 3,774 transparent panels and semi-transparent panels made from 189 tonnes of the product.

Italcementi Group innovation director Enrico Borgarello said: "The transparent cement made from plastic resins is much cheaper than the one made from optical fibres."

Be the first to comment

More from International

- MQM back in alliance , PM to dissolve Cabinet
- Facebook may get more friends, set to go public
- Blasphemy convict's fate hangs in balance
- US develop jab to quit drug addiction
- 6 Taliban militants killed in US drone strikes in Pak
- US missiles kill five in Pakistan: officials
- Indonesia to promote people-centred Asean

Hilton Garden Inn @

Everything. Right where you need it. Book Early & Save Up to 25%.

www.HiltonGardenInn.Hilton.com

Edmonton Cement Company

Leading Concrete & Cement Company. Call Us For Concrete Construction!

www.BestwayConcreteLtd.ca

Silos & Silo Equipment

Wide Range of Silo Products From An Industry Leader, Inquire Today

www.CementSilos.com

Grinding Dust Control

Hoods, Benchtop, & Portable Units . Hepa /Carbon Filters. Quiet & Small

www.sentryair.com



Which is the best Telangana option?



1 2 3 4 5 6

Vote Now

Remembering '10



Tabloid Specials

India 2011



DC Twitter edition

Business | Entertainment | Sport | Politics

Related Articles

- US develop jab to quit drug addiction
- Mystery surrounds mass bird, fish deaths
- Name the song, car stereo plays it!
- No tax, no taxi
- Prez snapped in Goa, jourmos summoned



Flash

Latest News

Most Commented

Most Emailed

Most Read

19:05 Clashes continue, protests rock Telangana

17:09 US develop jab to quit drug addiction

17:03 Higher office aspiration behind T state demand: Report

16:56 Govt rejects CAG's findings

12:42 Talwars to get copy of CBI closure

Post your comment

 Your name: *

 E-mail ID:

E-mail ID will not be published

Comments: *



Word Verification

S b 65

What code is in the image?: *

Post Comments

12:72 Fairways to get copy of CBI closure report

10:30 England beats Australia, clinch Ashes

05:24 Strong T can unite AP

[→ more](#)

From Hyderabad

- TV channels silenced on OU, Raj news to get notice
- OU declares Sankranti holidays
- AP mine largesse faulted
- SKC snub puts Seema project on fast track
- T-unrest will make biz crash: Nasscom
- IPL-4 action begins with auction today
- SKC finds no bias in jobs for law officers

[→ more](#)

From Tabloid

Tale of one city

[→ Hyderabad Cover](#)

Time to rock and roll

[→ Bengaluru Cover](#)

'I slept during maths classes'

[→ Chennai Cover](#)

▪ Mahima stands up for girl child

[→ Glam-Sham](#)

▪ A slow moral sulk in right earnest

[→ Review](#)

▪ Murugadoss set to direct Shahid next

[→ Cinemaya](#)

▪ Gimme Red

[→ Party Whirl](#)

UNLIMITED CALLING TO ALL AIRCEL MOBILES **GO UNLIMITED!** Call from Land, Mobile, or Office **India LD** JUST \$29.95 PER MONTH AIRCEL

[IndiaLD.com](#)

Ads by Google

News | [Home](#) | [City](#) | [National](#) | [International](#) | [Business](#) | [Sports](#) | [Entertainment](#) | [Crime](#) | [Gadgetology](#) | [Health](#) | [Union Budget](#) | [Rail Budget](#)

Channels | [DC comments](#) | [Op-ed](#) | [360 Degree](#) | [DC Estate](#) | [TV Guide](#) | [Education](#) | [Sunday Chronicle](#) | [Tabloid](#)

Others | [DC blogs](#) | [Discuss](#) | [Specials](#) | [Classifieds](#)

Follow Us | [Facebook](#) | [Twitter](#)

[Home](#) | [Asian Age](#) | [AndhraBhoomi](#) | [Financial Chronicle](#) | [About Us](#) | [Advertise with us](#) | [Book Classifieds](#) | [Contact Us](#) | [Feedback](#)

Copyright © 2010 Deccan Chronicle. All rights reserved. For reprint rights: Deccan Chronicle Service

This site is best viewed with Internet Explorer 6.0 or higher; Firefox 2.0 or higher at a minimum screen resolution of 1024x768