

Glass Non-Woven Solutions for Wall Covering

Aesthetic – Reinforcing – Enduring



Owens Corning is a leader in glass science, responsible for exceptional innovations in glass, including the Advantex® brand and high performance glass over a period of more than 30 years.

The company's expertise in innovative coating development enables leading solutions in every product form, including wet use chopped strands, rovings and non-woven veils.

Owens Corning's global manufacturing platform ensures delivery of consistent solutions in all regions. Five research and development centers centers around the globe allow locally engineered and tailored solutions for our customers in a wide range of applications.

In the wall covering market, Owens Corning has continually introduced innovative solutions. The company's glass-based non-wovens are well established for use in wall finishing and renovation. The company is taking further steps to meet the evolving needs of specifiers, applicators, converters, distributors, wholesalers and end users.



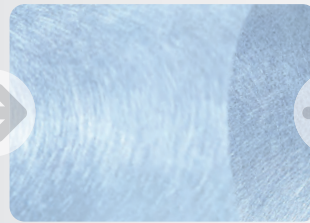
Furnace & glass science



Innovative chemistry



Reinforcement solutions



Global platform



Overall benefits of Owens Corning glass non-wovens for wall covering:

- Very even fibre distribution
Smooth and pleasing surface quality
- Good mechanical strength
Good protection against crack propagation
- No swelling/shrinking
Invisible seams even in extreme light conditions
- High dimensional stability, no weakening
Easy re-positioning during application
- High strength when wet
Easy cutting, double-cut possible
- Mineral based
Does not support mold and mildew
- Good fire performance
- Low VOC (volatile organic compound)
- Validated formaldehyde free.





Reinforcement of plaster/paint layer on new walls or during renovation

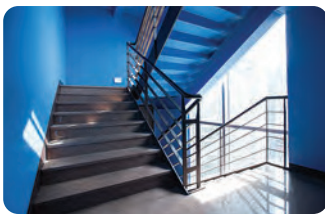
Glass non-woven structure and mechanical strength help

- Reinforce
- Cover smaller cracks
- Avoid crack propagation.



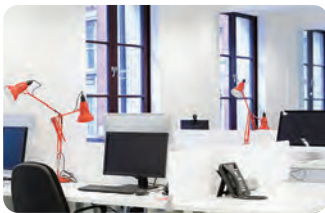
Smooth walls with a pleasingly fine surface appearance

- Application onto the wall with standard glue
- Excellent dimensional stability, easy cutting and re-positioning
- Finish off with standard paint systems
- Perfect and invisible seams, even in extreme light conditions.



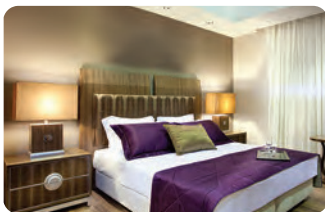
Pre-painted solutions

- Helps reducing paint utilisation (less paint layers required*)
- Helps increase speed and efficiency in wall renovation
- Excellent surface finish possible



Renovation solution

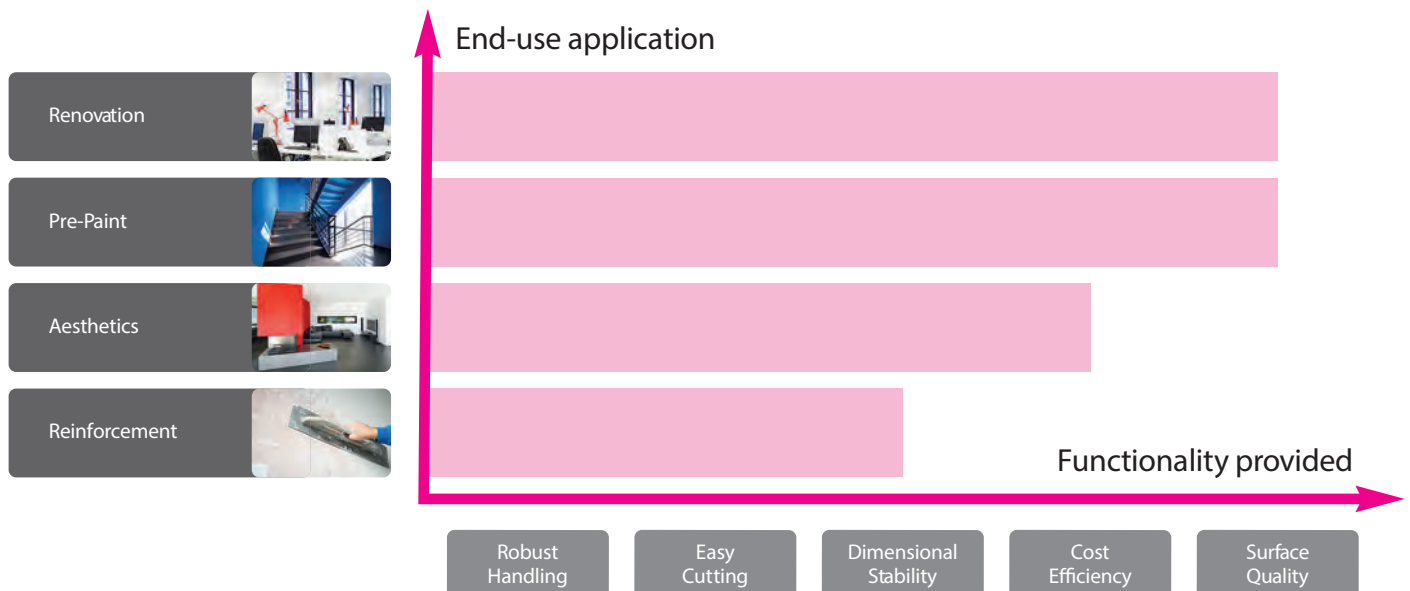
- Direct application on rough surface (e.g. old glass textile wall covering)
- Can substitute up to two layers of base and one layer of top plaster
- Saves drying time
- Avoids sanding operation and dust.



Decorative solutions

- Tailor-made solutions and approach
- Several patterns possible.

Tailored Solutions to meet the needs of the wall covering market



* Depending on the quality of paint system used.

Owens-Corning (India) Pvt Ltd.

7th Floor, Alpha Building, Hiranandani Gardens,
Powai, Mumbai – 400076, India
Office: 022-6668 1700
Email: thinkpink-india@owenscorning.com
Website: www.owenscorningindia.com

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Pub number: 10020717

Wall covering_ww_02-2016_Rev0_EN

February 2016