



Whether in the roof, walls or floor - nonwovens are used virtually everywhere in house-building.

The TWE Group offers wide-ranging technical nonwoven solutions across different application areas in the building sector, meeting the increasing demand for environmentally-friendly products.

Our nonwovens deliver solutions for effective thermal and acoustic insulation, since our professional insulation products comply with all common insu-

lation standards. They also cover application areas such as the roof, wood-facing panels and partition walls, as well as floors and ceilings.

They contain up to 80% recycled fibres and are extremely flexible, stable and compressible. Their high thermal performance and excellent sound insulation ensure they are flexible in use.



Sustainable Construction: TWE's contribution to the future of building



TWE GmbH & Co. KG
Hollefeldstraße 46
D-48282 Emsdetten
Phone +49 2572 205 0
building@twe-group.com
www.twe-group.com



Discover our sustainable solutions with our product line rePEaT®

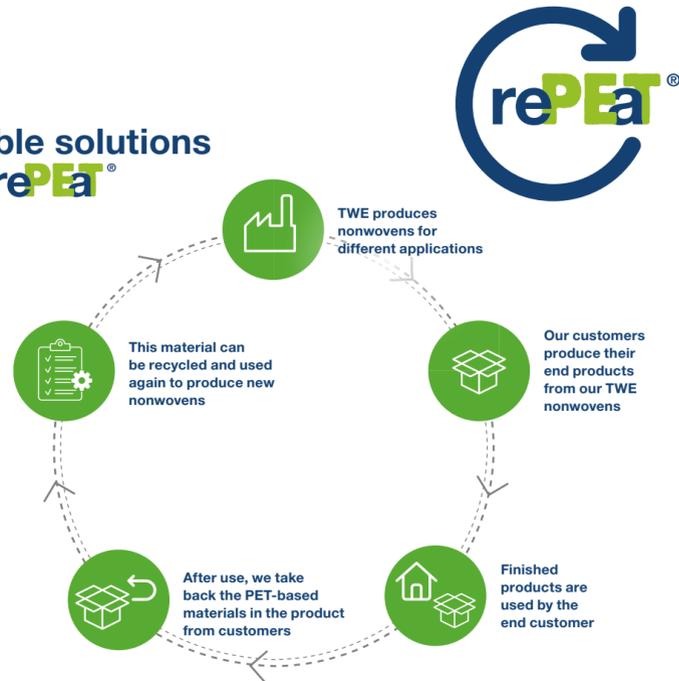
rePEaT® - CIRCULAR

rePEaT Circular refers to products which are manufactured from an increased amount of recycled fibers or to the return of 100% polyester-based waste from our customers.

The waste is processed into granules, from which polyester fibers are created again for the production of our nonwovens. This allows us to offer a complete cradle-to-cradle solution.



Discover our new sustainable product line rePEaT



The possible uses for recycled polyester vary depending on the production technology.

- VIRGIN FIBERS
- rePEaT FIBERS



rePEaT® - SOCIAL

Our rePEaT Social products are made from plastic which has been collected by people in developing countries, and who can earn a living in this way.

By doing so we are supporting plasticbank®, which pays collectors a premium for the materials they collect. This enables them to cover their basic needs such as food, school fees and health insurance. The plastic collected consists mainly of PET bottles.

It is reintroduced into the global supply chain under the name Social Plastic® in the form of PET flakes. Once processed into polyester staple

fibers they are used as feedstock for the production of our mechanically or thermally bonded nonwovens.



Processed social plastic in TWE products since 2021:

Number of recycled PET bottles in TWE products:



Acoustic Insulation



Nonwovens for acoustic insulation allow us to live an enjoyable and quiet life. From acoustic insulation in walls or suspended ceiling, down to floors - TWE nonwovens bring peace to the home.

Roofing Application



Our nonwovens insulate, absorb moisture, seal and protect pitched and flat roofs.

Thermal Insulation



Our nonwovens are used for effective thermal insulations for roofs, suspended ceilings and wood- and metal-framed partition walls.

Temporary Protection



Our nonwovens for professional painters, plasterers and renovation work: they protect floors against impurities and damage and enable safe working with their slightly adhesive underside.

Special Applications

Our nonwovens are also used in specialist applications. For example, as an anti-slip layer under carpets or as a barrier and protection between the liner and the concrete in swimming pools.