IMP GROUP IN EUROPE







More than 30 yeras INDUSTRIE MAURIZIO PERUZZO GROUP has been in the geotextile-related business supplying materials for wide range of applications in construction industry. Since 2007 the production of geotextiles has been located in Polish-based production plant belonging to the IMP Comfort – in <u>Świdnica /40</u> <u>km from Wrocław/</u>.

•Świdnica

Geotextiles



<u>Geotextiles GEOTESS TC/PP</u> – needled-punched non-wovens on the basis of PP fibre of high tenacity, widly used in civil, hydraulic and environmental engineering - for reinforcment, filtration and separation applications. They are free of any toxic agent or resins what makes them environmental friendly – being at the same time alkali resistant.





<u>GEOTEXTILES</u> in order to improve mechanical parametres of soil are laid below or between soli layers – thus absorbing dynamic tensile forces resulting from exploitation of roads, airports or railways



GEOTESS TC/PP – SEPARATION



Geotextiles are used as the separation layer between different soil – grades or aggregates as well as supporting layer under geowebs or geogrids. <u>Commonly applicated during embankments reinforcment works as well as</u> <u>dumping facilities construction. Is used as protection of geomembrans</u> <u>against mechanical injury.</u>



GEOTESS TC/PP – funkcja FILTRACYJNA



<u>Geotextiles</u> prevent mixing of soil particles, enabling at the same time the free passage of water and gasses. Soil migration weakens the load – bearing parameters and can lead to ground subsidence. This functions of GEOTESS is widely used in hydraulic engineering – in construction of dams, artificial lakes or river banks.



Geotess - APPLICATION





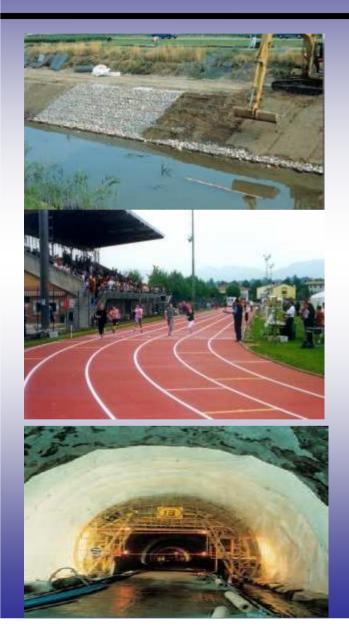
<u>ROAD CONSTRUCTION</u> – for soil reinforcement and separation of different layers of ground

RAILWAY CONSTRUCTION – to ensure tracks stability and correct geometry

DUMPS CONSTRUCTION AND FOUNDATIONS– to ensure protection of geomembrane against mechanical injury. In addition GEOTESS serves for drainage of fluids and gasses on the dumping sites.

<u>Geotess – ZASTOSOWANIE</u>





WATER BASINS CONSTRUCTION – for soil reinforcement and water filtration

DRAINAGE SYSTEMS, PAVEMENTS, SPORT FACILITIES - in order to prevent

mixing of different layers of soil

TUNNEL CONSTRUCTION – for reinforcemnet and soil stabilization

CERTIFICATES



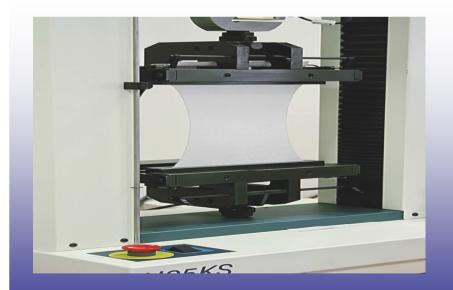
GEOTESS TC/PP IS PRODUCED IN ACCRODANCE WITH CE PROCEDURES

GEOTESS – RELATED PRODUCTS ARE AVAILABLE IN WIDE RANGE OF GRAMMATURE IN BALES UP TO 100 M LONG AND WIDTH : 1,5m; 2,0 m; 3,0 m; 6 m.





IN ORDER TO OFFER THE NEW AND ENHANCED SOLUTIONS IN GEOTEXTILES WE HAVE OUR OWN LABOLATORY FACILITIES AND COOPERATING WITH MANY RESEARCH CENTERS IN POLAND AND EUROPE – for example UNDER VI FRAMEWORK PROGRAMME OF UE - FLEXIFUNBAR





NEEDLED-PUNCHED NON - WOVENS



<u>GEOTESS-RELATED PRODUCTS ARE USED WHEN THE</u> <u>PROFESSIONAL CONSTRUCTION APPLICATIONS ARE</u> <u>REQUIRED – i.e. IN CIVIL AND HYDRAULIC ENGINEERING</u> <u>However reinforcement or stabilization properties are useful for</u> <u>every owner of house or lawn.</u>

NEEDLED-PUNCHED NON-WOVENS – is the product which supplements the offer of IMP Comofrt with regard to geotextiles used in gardening and one-family houses sector. They are produced according to the technical requirements of IMP Group – developed over the 30 years of hands-on experience in this sector – on the basis of PP or PES fibre. The needled-punched non-wovens do not have to comply with high technical requirements of road or railway construction industry. They technical properties are sufficient to be used in gardening or one-family house sector.

NEEDLED-PUNCHED NON WOVENS

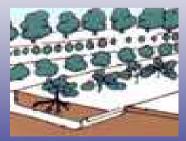




NEEDLED-PUNCHED NON WOVENS can filter water, reinforce and stabilize: pavements, paths or other pedestrian passages



NEEDLED-PUNCHED NON WOVENS can serve as the perfect material for construction of GREEN ROOFS.

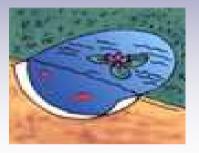


NEEDLED-PUNCHED NON - WOVENS are recommended

to be used in gardening for acceleration of plants vegetation.

NEEDLED-PUNCHED NON WOVENS





NEEDLED-PUNCHED NON WOVENS serve as

protection of foils of water basins and swiming pools against puncture.



NEEDLED-PUNCHED NON WOVENS filter water, separate aggregate around drainage systems or sewage facilities.



NEEDLED-PUNCHED NON WOVENS thanks to thier properties are perfect material for construction of terraces or driveways.