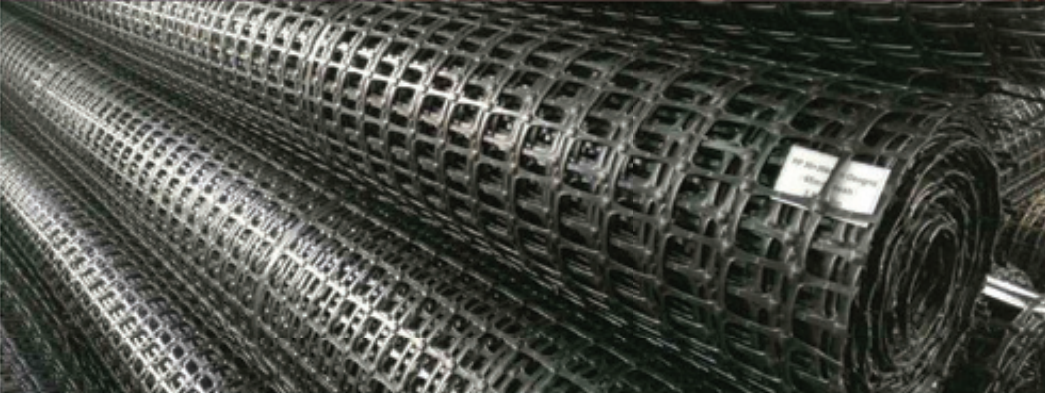
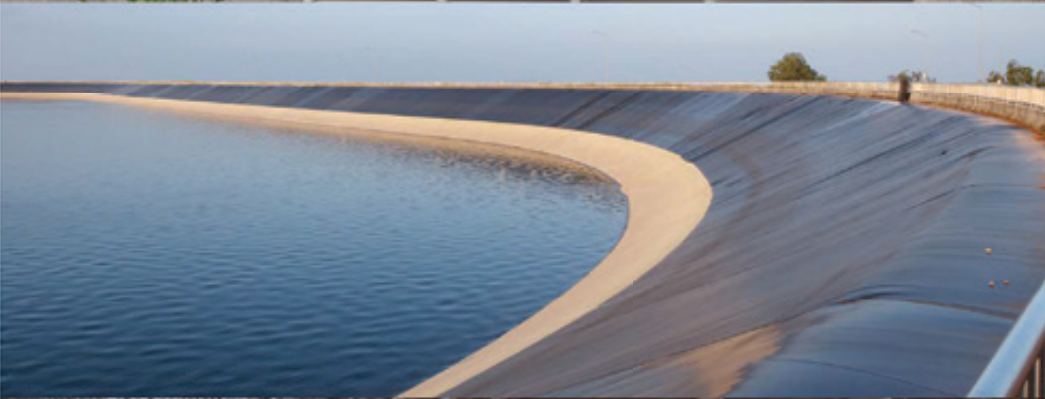


MarFlex

THE SOLUTION TO YOUR SPACES

COMPANY PROFILE
www.themarflexgroup.com



**THE
SOLUTION
TO YOUR
SPACES**

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About Us

MarFlex, founded in 1993, has the honor of being the leading and progressing organization in Vinyl products and Geo-Engineering development products. With over one-and-a-half decade of Vinyl tile manufacturing experience under its belt, the organization provides one-stop solution to all optimized flooring needs. MarFlex is the largest manufacturer of Vinyl and other Vinyl & Rubber related products in Pakistan, with a complete manufacturing unit of PVC Sheets & Rolls. MarFlex holds a distinctively reputable position in its field of work in Pakistan, proudly the official distributors of BeSealedPolyBase Swell Bars & Polyflor products. The MarFlex Group has made its place in the markets over the decades by being the leading company in providing turn-key innovative solutions for the Pakistan's PVC and Geo-Engineering development needs.





MISSION

Our mission is to augment everyday life with excellent quality, aesthetics and innovation.

VISION

We envision ourselves to be Pakistan's most trusted vendor for providing turn-key solutions to those who seek to craft exquisite spaces.

PRODUCT RANGE

Marflex products are tailor-made to give aesthetic and quality solution to spaces through a versatile product range catering to enhancing and constructing a lifestyle you deserve.



PVC FLOORING

Marflex masters in providing pvc flooring solutions for all the categories whether its residential, commercial or industrial. With an arsenal in variety of pvc flooring designs, marflex have an edge against its competitors.

PVC WALL PANEL

Pvc wall panels are functional as well as decorative, providing insulation and soundproofing, combined with uniformity of appearance, along with some measure of durability or ease of maintenance. Use of wall panels can reduce construction costs by providing a consistent appearance to the paneled surface without requiring the application of paint or another finishing material.



GYPSUM CEILING

Marflex's gypsum ceilings are a family of panel products that consist of a noncombustible core, composed primarily of gypsum, and a paper surfacing on the face, back and long edges. All gypsum panel products contain gypsum cores; however, they can be faced with a variety of different materials, including paper and fiberglass mats.



POLYFLOR

Polyflor tiling is the ideal fit to healthcare flooring needs. Attractive, high performance, homogenous floor covering. High-quality, cross-linked polyurethane reinforcement, UV cured to prove a low-cost, polish-free maintenance regime for the lifetime of the flooring. PVC Polyflor provides an acute array of flooring solutions to fit all flooring needs, commercial and residential, existing in a diverse collection of colors of Polyflor Geo-Tiles.



BUILDING MATERIALS

MarFlex is a leader of geo development products and services in Pakistan. Providing some of the most versatile and effective products and machinery to provide geo development solutions. Bringing some of the best development services to the region to enhance and empower development uses and needs.



RAISED FLOOR

Also called access flooring; provides an elevated structural floor above a solid substrate (often a concrete slab) to create a hidden void for the passage of mechanical and electrical services. Raised floors are provided in places where there is a need to route wiring, cables, and electrical supply.





Benefits

- Looks like real wood
- Natural wood textures and colors
- Easy to clean and maintain
- 100 percent water resistance
- Fire and heat resistance
- Remains cool in summers
- Very economical and re usable
- Termite proof

PVC WOODEN FLOORING



Usage Areas:
Offices
Residential
Cinemas
Theatre
Restaurants
Marriage Halls/Marquees

COLOR RANGE



048



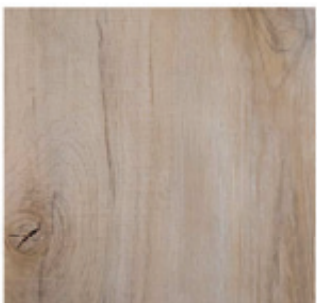
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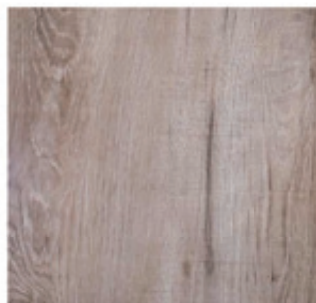
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051



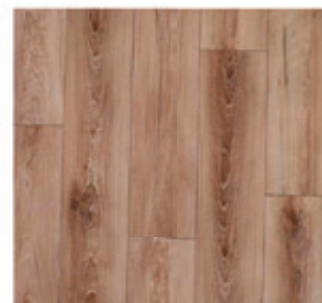
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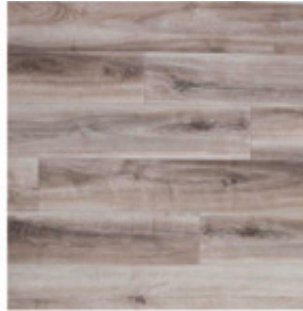
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055

AESTHETIC NATURAL ESSENCE





056



057



058



059



059



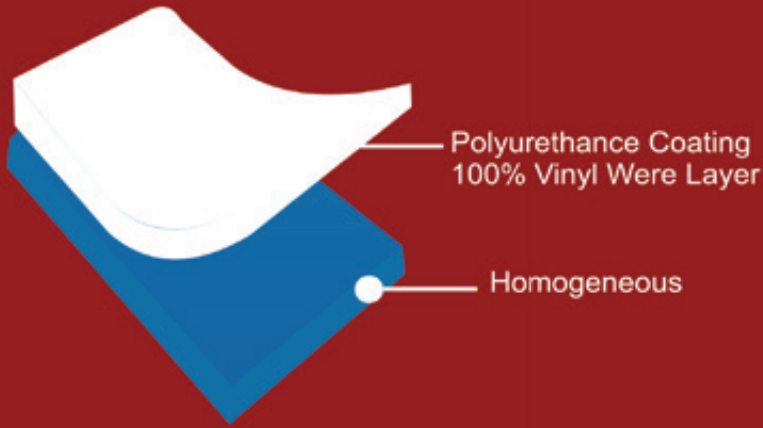
060



061



062



NO WAX NO POLISH FOR LIFE

Benefits

- Permanent fungicidal and bacteriostatic treatment that prevents the growth of micro organisms on and in the flooring
- Antibacterial
- Easy to maintain
- Non-porous surface.
- Requires no coating



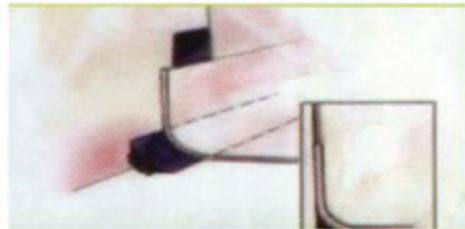
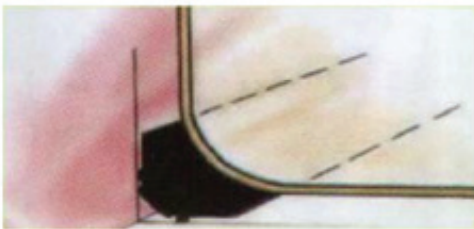
Usage Areas
Corridors
Laboratories
Reception Areas
Wards & Rooms
Rehabilitation Centers
Out-patient Department

VINYL HEALTH CARE FLOORING



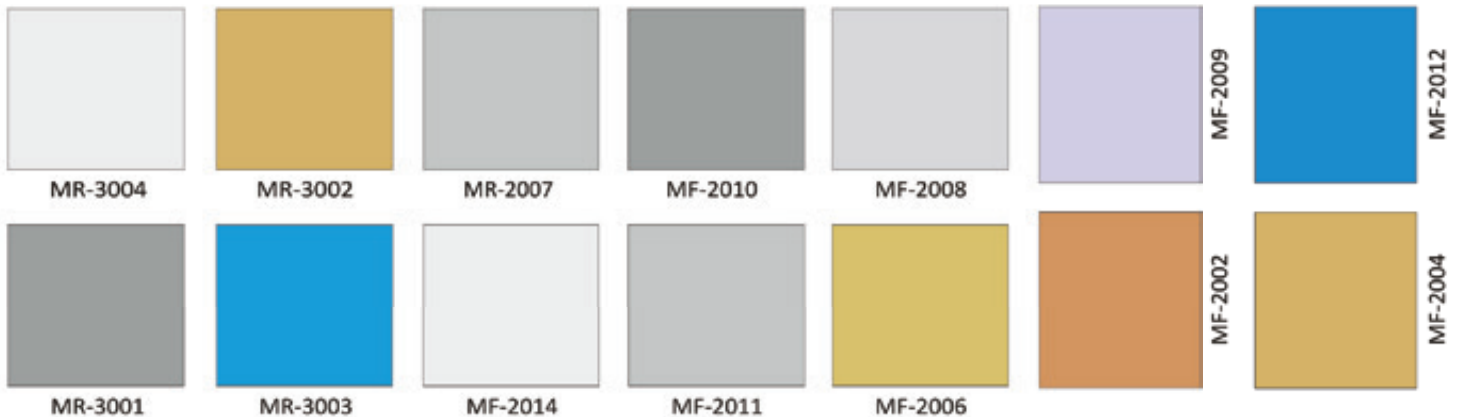
SPECIAL COVE FILLET FOR FLOORING

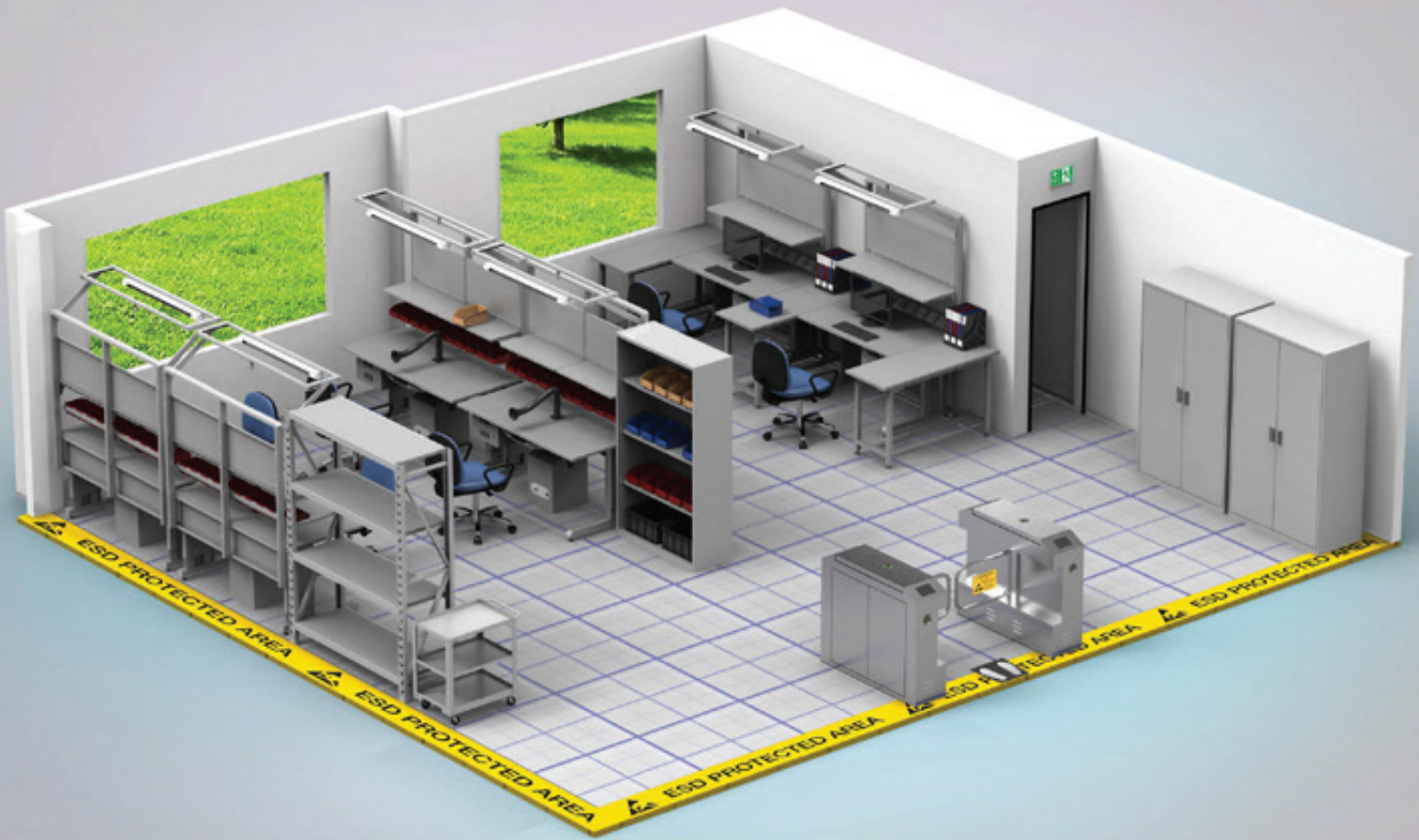
We know the special demand for hygiene in healthcare and pharma industry. For this we have established special skirting angles so that no edges are formed on floors. Please refer diagram 1.1 for details.



COLOR RANGE

We offer 8 colors in PU coated PVC flooring and 15 colors in homogenous PVC flooring. Customized color options are also available on demand.





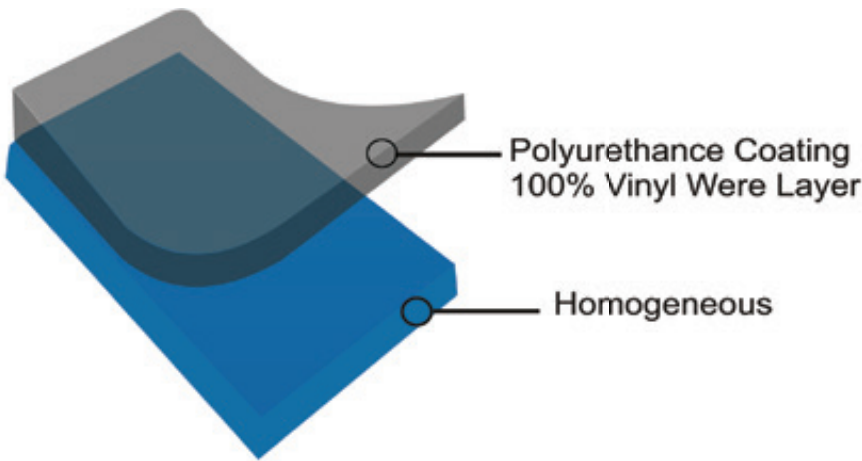
SAFE AND SECURE ALL AROUND

PROPERTY		MARFLEX ESD CONTROL VINYL TILES	
ELECTRICAL/ELECTROSTATIC PROPERTIES			
Resistive Characteristic of Materials - Floor Materials (ESD 57.1)	Conforms		
Electrical Resistance (ASTM F 150)	Point-to-Point: $2.5 \times 10^7 \Omega$ to $10^9 \Omega$	Point-to-Point: $2.5 \times 10^7 \Omega$ to $10^9 \Omega$	
Electrostatic Propensity	< 30 Volts		
Static Decay (Federal Test Method 101c, Method 4046 at 15% Relative Humidity)	5,000 to 0 Volts in < 0.2 Seconds		
OTHER PROPERTIES			
ASTM F 100	Passes		
NFPA Life Safety Code 101	Class 1 Interior Floor Finish		
Critical Radiant Flux (ASTM E 648)	> 1.03 W / cm ²		
Smoke Density *(ASTM E 662)	<450		
Flame Spread	<75		
Static Load Limit (Modified ASTM F 970 - 30)	2,000 psi		
Underwriters Laboratories	Meets UL Standard		
CONSTRUCTION			
Composition	Homogeneous solid pvc rolls vinyl tile that has encapsulated conductive elements of the carbon family distributed throughout the tile		
Gauge	2mm, 3mm, Custom Size and Thickness.		
Dimensions	300mm x 300mm , 610mm x 610mm Rolls: 40inch x 15 meter		
INSTALLATION			
Adhesive & Spread Rate	Covers 150 square feet / gallon		
Trowel Size	Type one: 1/16" x 1/16" Square Notch with 1/16" Flats Typw Two: 1/16" x 1/16" Half Circular Notch with 1/32" Flats		
WARRANTY			
Electrical	5 Years		
Free from Defects in workmanship and materials	1 Years		



ANTI-STATIC ESD FLOORING

Vinyl tiles that contain encapsulated conductive elements of the carbon family are distributed throughout the tiles to prevent uncontrolled static charge from damaging the work environment. MarFlex Anti-Static ESD Flooring keeps static charge away from people and equipment to increase personal comfort, safety, prevent equipment damage and give you a complete peace of mind.



MF-2013

MF-2003



MF-2001

MF-2015



MR-3004

MR-3002



MR-2007



MF-2010



MF-2008



MF-2002



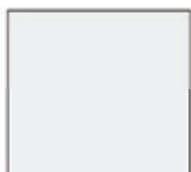
MF-2009



MR-3001



MR-3003



MF-2014



MF-2011



MF-2006



MF-2004



MF-2012

Usage Areas
 ICU'S
 Electronic Industries
 Operation Theatre
 Radar Rooms
 Computer Labs
 Call Centers
 Telecommunication Installations

LIGHT & DIVERSE



Usage areas:

Medical Establishments
Operations Rooms
Hospitals
Cafeterias
Class Rooms
Shopping Malls
Factories

PVC HOMOGENOUS ROLLS/TILES

Tough and ultra-durable solution for heavy traffic spaces, homogenous rolls are glued and welded to the floor giving an easy-to-acquire and easy-to-maintain flooring for areas with heavy traffic.



COLOR RANGE



VINYL SPORTS FLOORING

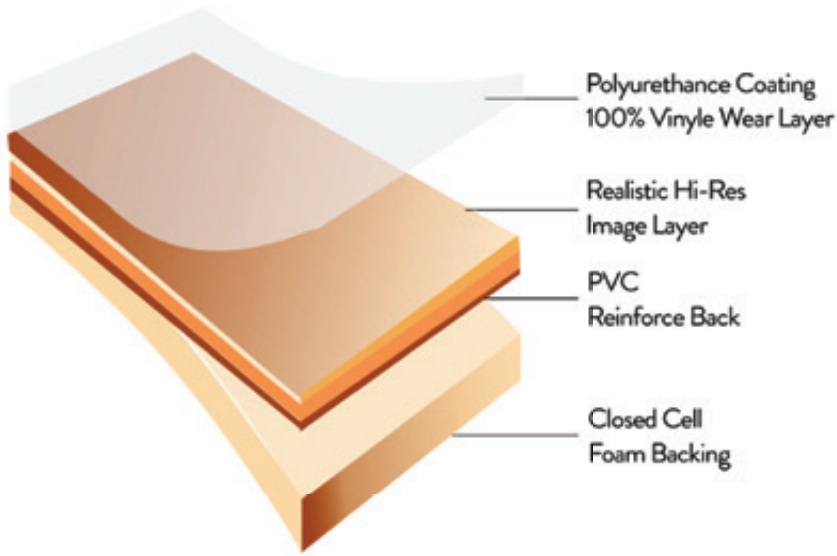
The perfect technical solution for any sports facility, providing special rubber under laying in various thicknesses to tremendously reduce injuries. Ideal for spaces of sports activities, indoor gyms and courts not only gain an aesthetic look but also are secure and better for sports activities.

Marflex understands the special needs of a sports arena and our products are the perfect solution for any sports facility. It is ideal solution for professional sports, multi-purpose halls, gyms, kindergarten and other applications where athletic performance, safety, energy absorption, noise reduction, design and durability are required.

**FREEDOM
TO RUN
JUMP
TURN &
TWIST**



Usage Areas:
Fitness Areas
Basketball Courts
Badminton Courts
Gymnasiums
Multi-purpose Sports
Table Tennis Courts



COLOR RANGE

We offer more than 20 colors of wood texture (heavy duty), P.U coated 8 colors and 15 Homogeneous colored rolls for sports flooring.



WF-002



WF-012



WF-018



WF-014



WF-019



WF-004



WF-009



WF-005



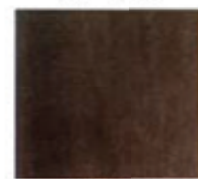
WF-015



WF-011



WF-010



WF-011



WF-4004



WF-4001



WF-4005



WF-4002



WF-4006



WF-4003



ATTRACTIVE AND IDEAL



PVC POLYFLOR

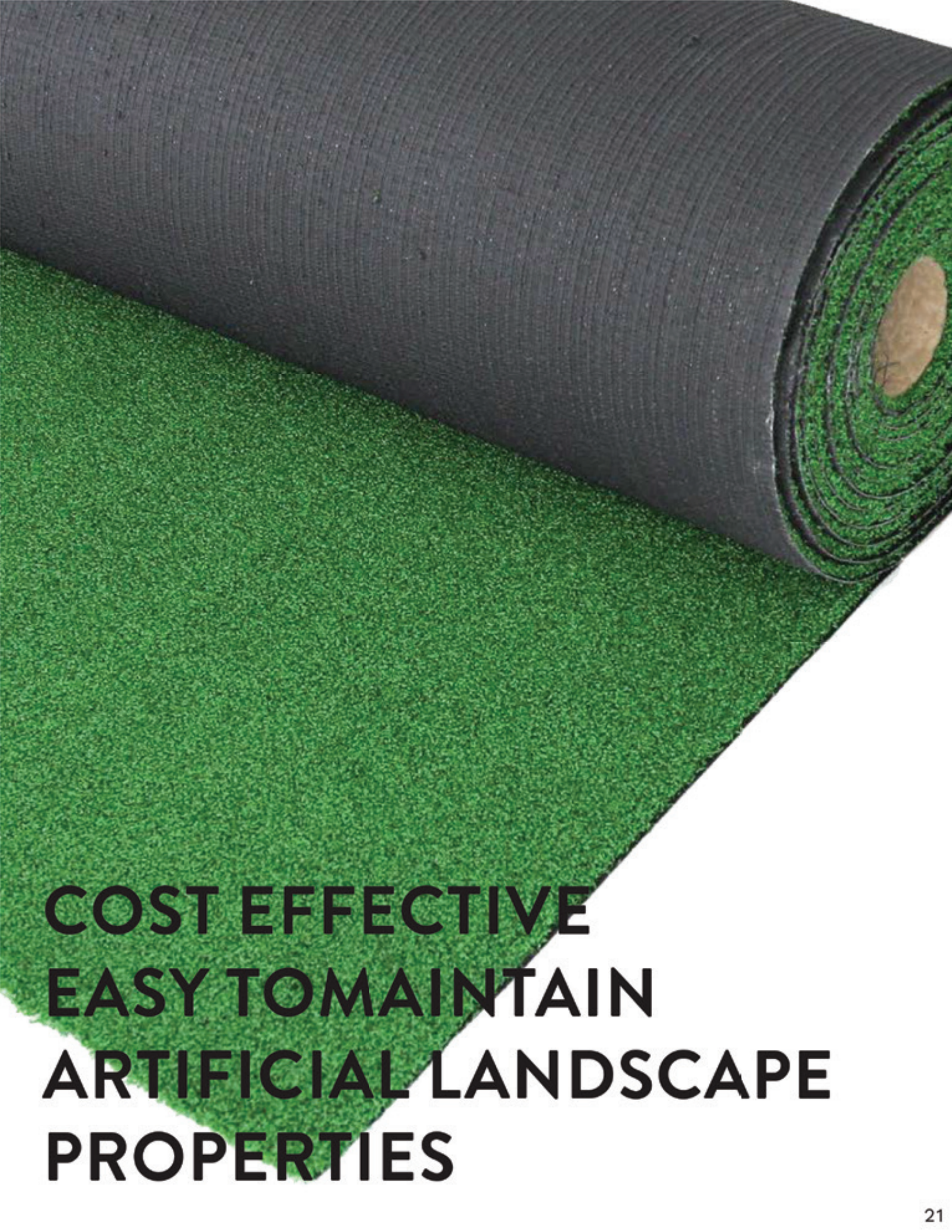


Polyflor tiling is the ideal fit to healthcare flooring needs. Attractive, high performance, homogenous floor covering. High-quality, cross-linked polyurethane reinforcement, UV cured to provide a low-cost, polish-free maintenance regime for the lifetime of the flooring. PVC Polyflor provides an acute array of flooring solutions to fit all flooring needs, commercial and residential, existing in a diverse collection of colors of Polyflor Geo-Tiles.



COLOR RANGE





**COST EFFECTIVE
EASY TO MAINTAIN
ARTIFICIAL LANDSCAPE
PROPERTIES**

PVC ASTROTURF

Marflex's pvc astroturf is a surfacing material used to imitate grass. It is generally used in areas where grass cannot grow, or in areas where grass maintenance is impossible or undesired.

Available Size: 20m x 2m x 30mm

Usage Areas:
Sports facilities
Residential
Playgrounds





WALL PANELS

PVC wall panels are functional as well as decorative, providing insulation and soundproofing, combined with uniformity of appearance, along with some measure of durability or ease of replaceability. Use of wall panels can reduce construction costs by providing a consistent appearance to the paneled surface without requiring the application of paint or another finishing material.

GYPSUM CEILINGS

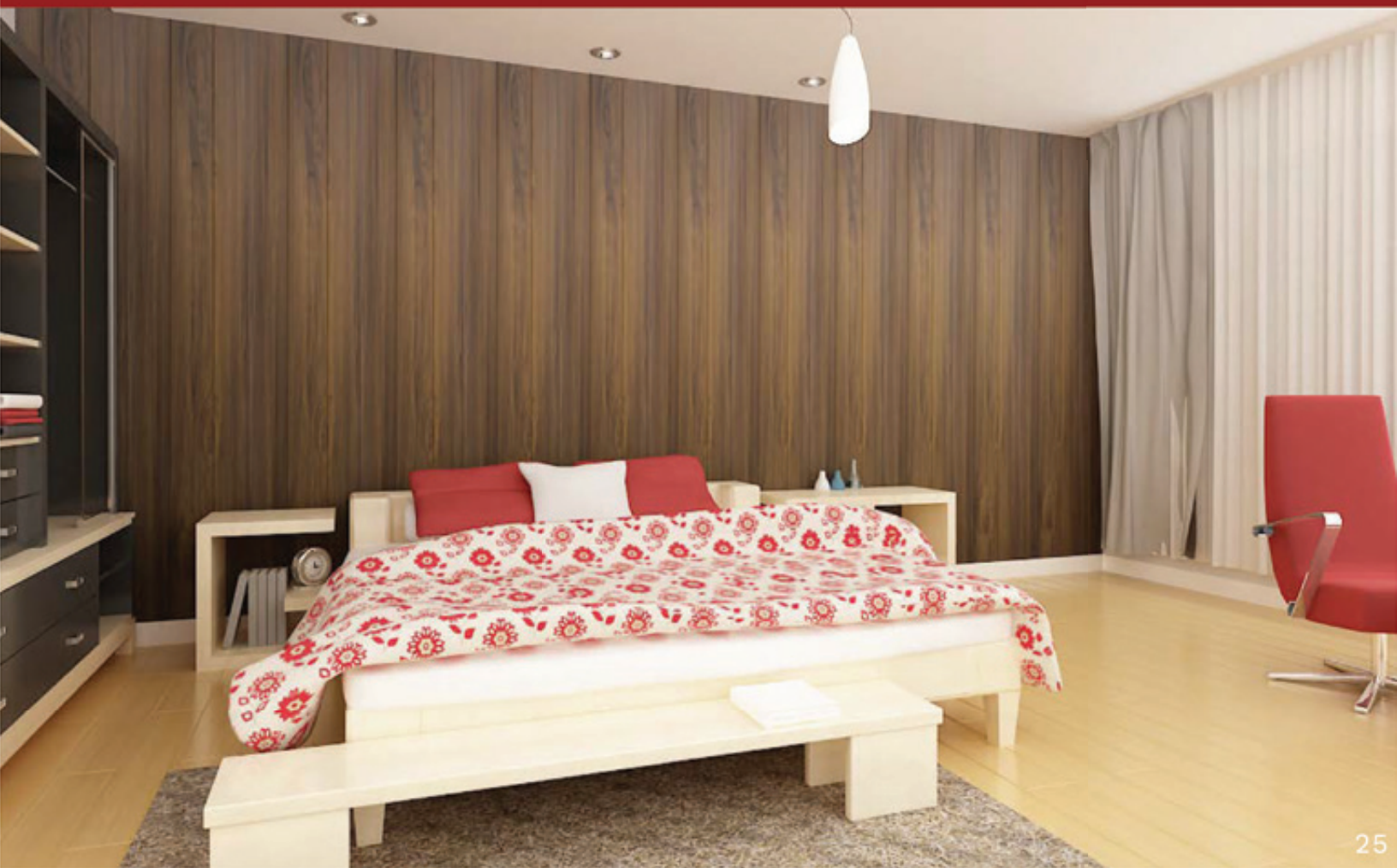
Marflex's gypsum ceilings are a family of panel products that consist of a noncombustible core, composed primarily of gypsum, and a paper surfacing on the face, back and long edges. Gypsum board is one of several building materials covered by the umbrella term "gypsum panel products." All gypsum panel products contain gypsum cores; however, they can be faced with a variety of different materials, including paper and fiberglass mats.



DURABLE LIGHTWEIGHT AND EASY TO INSTALL

Benefits

- All-round and All-area Product
- Easy and Fast to install
- Strong and Lightweight
- Low maintenance
- Water Resistant
- Effective
- Durable



WALL PANELS

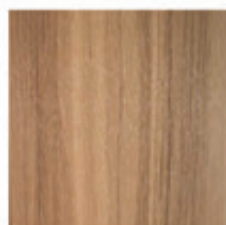
Pvc wall panels are functional as well as decorative, providing insulation and soundproofing, combined with uniformity of appearance, along with some measure of durability or ease of maintenance. Use of wall panels can reduce construction costs by providing a consistent appearance to the paneled surface without requiring the application of paint or another finishing material.



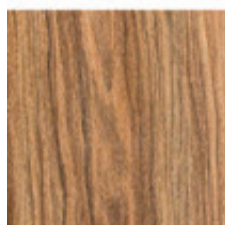
Usage Areas: Residential, Commercial and Industrial



MP-123



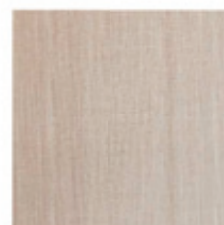
MP-105



MP-129 B



MP-132



MP-143



MP-165



Ex 0006



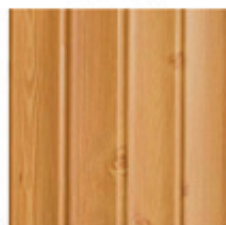
MP Ex 00010



MP -208



MP -154



MP-159



MP-152



MP-163



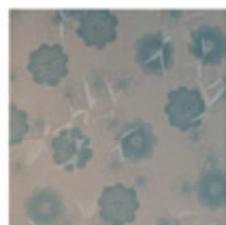
MP-164



Ex 00012



MP-144



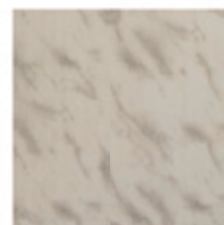
MP-156



MP-161



MP-154



MP-155

ECONOMICAL VERSATILE AESTHETIC

Gypsum board walls and ceilings have a number of outstanding advantages:

- Ease of installation
- Fire resistance
- Sound isolation
- Durability
- Economy
- Versatility

GYPSUM CEILINGS

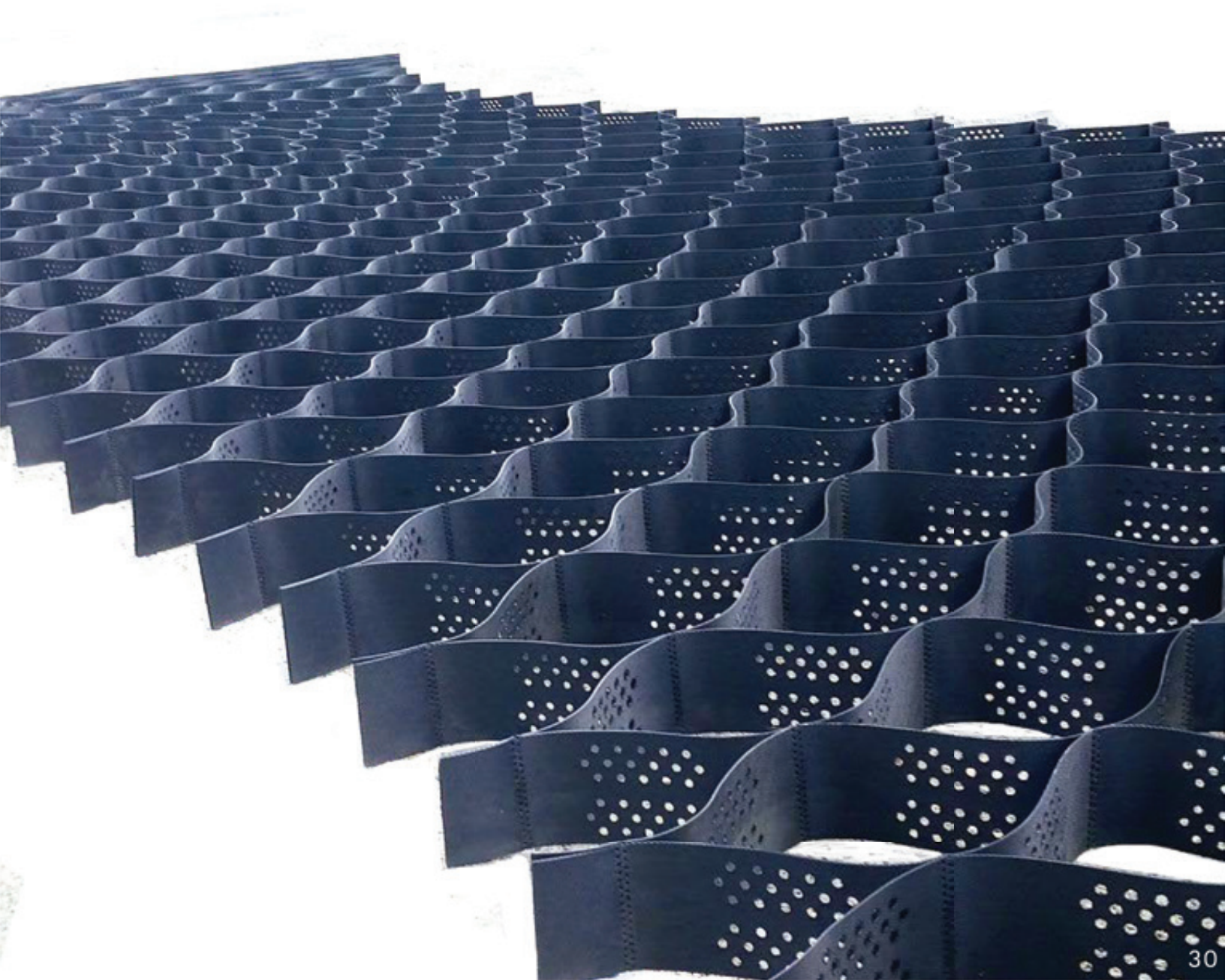
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PVC Water Stops
Composite Geo Membrane
Geo Textile
GEO GRID (EXTRUDED/
WOVEN/BONDED)
BE SEALED POLYBASE SWELL BAR
DIMPLE MEMBRANE
FIBER GLASS
PVC GEO MEMBRANE
GEO CELL
HDPE – PLAIN/TEXTURE MEMBRANES
BITUMEN MEMBRANE
EPS Board
PVC FOAM BOARD
RAISED FLOORING

ENGINEERING PRODUCTS

MarFlex is a leader of geo development products and services in Pakistan. Providing some of the most versatile and effective products and machinery to provide geo development solutions. Bringing some of the best development services to the region to enhance and empower development uses and needs. Equipped with the best machinery, we are proud market leaders for manufacturing of WaterStops, Geotextile, swell bars, bitumen membranes, composite membranes, dimple membranes, geocell, HDPE, EPS boards, and Geomembrane Technological support for installation and site services. Drawn from an unrivaled pool of resources, knowledge, equipment, and trained man-power, we are uniting global advantages to improve the geo-works level is our unchanging mission. Proud to be the largest manufacturers of Geotextile and composite geomembrane in Pakistan





Usage Areas:

Water & Wastewater Treatment Plans

Liquid retaining structures

Dams

Tunnels

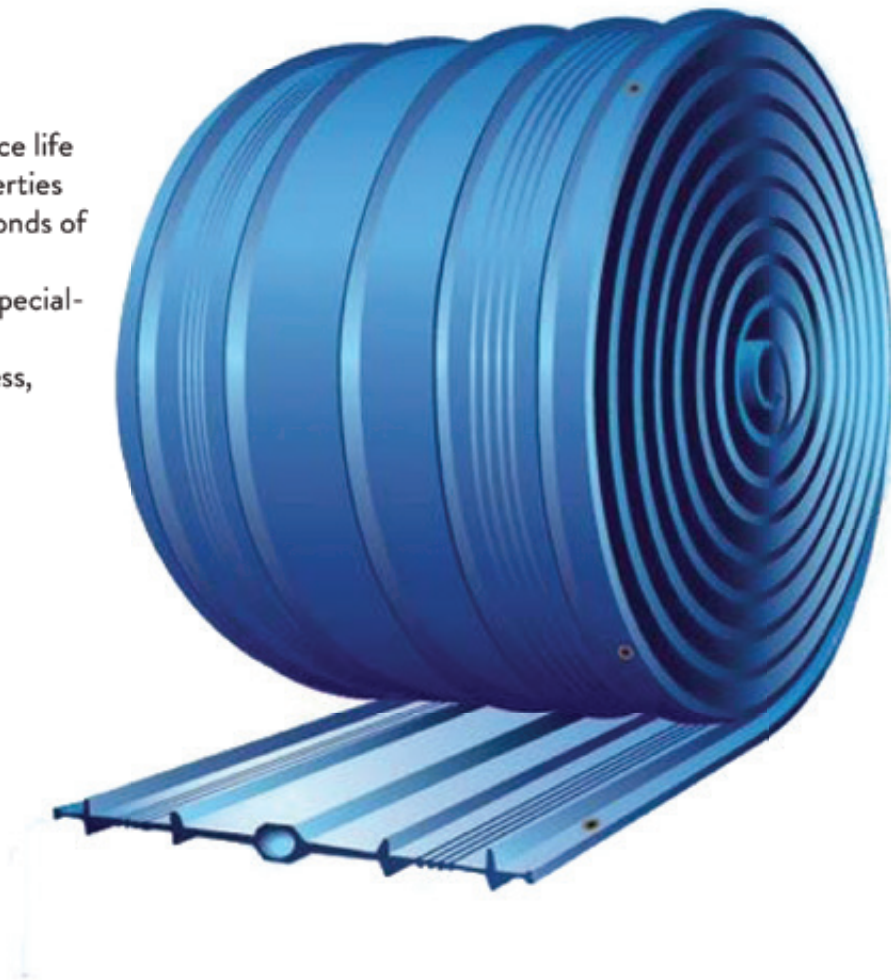


PVC WATER STOPS

Providing the primary seal in waterproofing and water-resisting of structures, MarFlex PVC waterstops are plasticized and stabilized to offer long life, high-end performance, resistant to abrasion and attack by ozone, oxidation, alkalis, hydrocarbons, corrosion, waterborne chemicals and aging. A conventional water stop that may be used in a wide-range of applications for liquid retaining.

Advantages:

- Formulated to provide 20 year service life
- Excellent tensile/tear strength properties provide strength required in steep ponds of 3:1 slope angle or steeper
- Easy to field seam and replace; No specialized equipment necessary
- Not subjected to environmental stress, cracking
- Excellent chemical resistance



ADAPTABLE AND EFFECTIVE WATER DEFENSE

DIFFUSE DRAINAGE WITH DIMENSIONAL STABILITY

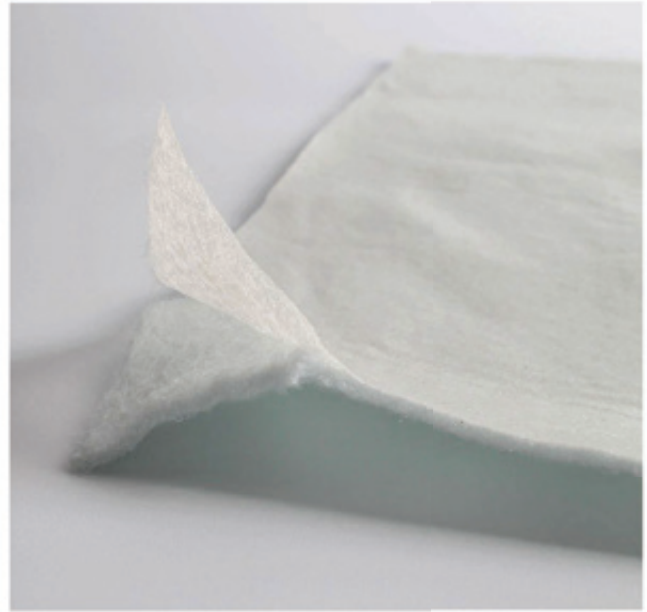


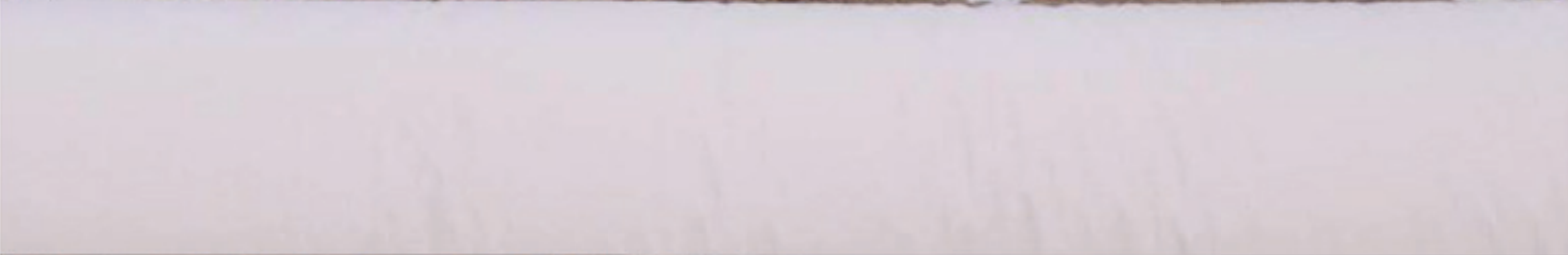
COMPOSITE GEO MEMBRANES

Thin-film composite geo membranes (TFC/TFM) are semi permeable membranes manufactured primarily for use in water purification and water desalination systems. Mar-Flex composite membranes have high tensile strength and modulus, effective drainage and waterproof performance, easy-to-build, cost-saving, good performance, anti-ageing, and anti-freezing.

Usage Areas:

- Dams
- Roads
- Airports
- Drainage
- Housing
- Water Purification
- Batteries and Fuel Cells
- Industrial Gas Separators
- Filtration Systems





ENHANCED PERFORMANCE AGAINST EROSION

Advantages

- Strength for Strength
- Exceptional tear strength
- Can incorporate additional fabric
- Can withstand enormous strain

GEOTEXTILE

A superior combination of mechanical and hydraulic properties woven together with multifilament yarns. With excellent resistance to erosion, and excellent performance in biological and chemical environments as well as scenarios where there is short-term exposure to ultraviolet radiation. When used with soil, it gains the ability to separate, filter, reinforce, protect, and even drain.



Area of application

- Unpaved and paved roads
- in airport runways
- Landfills and stone base courses
- Sidewalks and sand drainage layers
- Parking lots and curb areas
- Green areas and recreational facilities
- Retaining wall structures
- Duct banks and pipe trenches



TENSION AND STRESS RESISTANT

Advantages

- Ensures reinforcement of steep slope
- Benefit Natural Environment
- Does not require application of traditional tasks
- 30% costs can be saved
- Higher safety coefficient
- High elasticity, junction strength and resistance to damage during installation

GEO GRID (EXTRUDED/ WOVEN/BONDED)

Commonly used to reinforce retaining walls, as well as sub bases or sub soils below roads or structures. A geo grid is geo synthetic material used to reinforce soils and similar materials. Under tension and over-time use, soils pull apart and erode away. The perfect alternative for soil needs is Geo Grid, due to their strong resistance to tension and stress.

Usage Areas:
Wall Construction
Foundation Soil
Pavement Construction
Highways
Railways
Airports



MULTI PURPOSE WATERTIGHT TECHNOLOGY



Advantages

- Easy-to-apply
- Can be applied on different substrates
- Highly economical
- Swells in contact with water
- Long-term reliable
- No hardening time required
- No welding required
- Adaptable
- Different types and dimensions available

BE SEALED POLYBASE SWELL BAR

MarFlex holds a distinctively reputable position in its field of work in Pakistan, proudly the official distributor of Be Sealed PolyBase. A revolutionary solution for sealing structural concrete foam work spaces. Sealing Plugs comprise a water-swellable rubber cap and solid core. The solution for leakage and moisture problems, this rubber compounding and sealing system is ideal for use in places with extremely high saline concentrations.

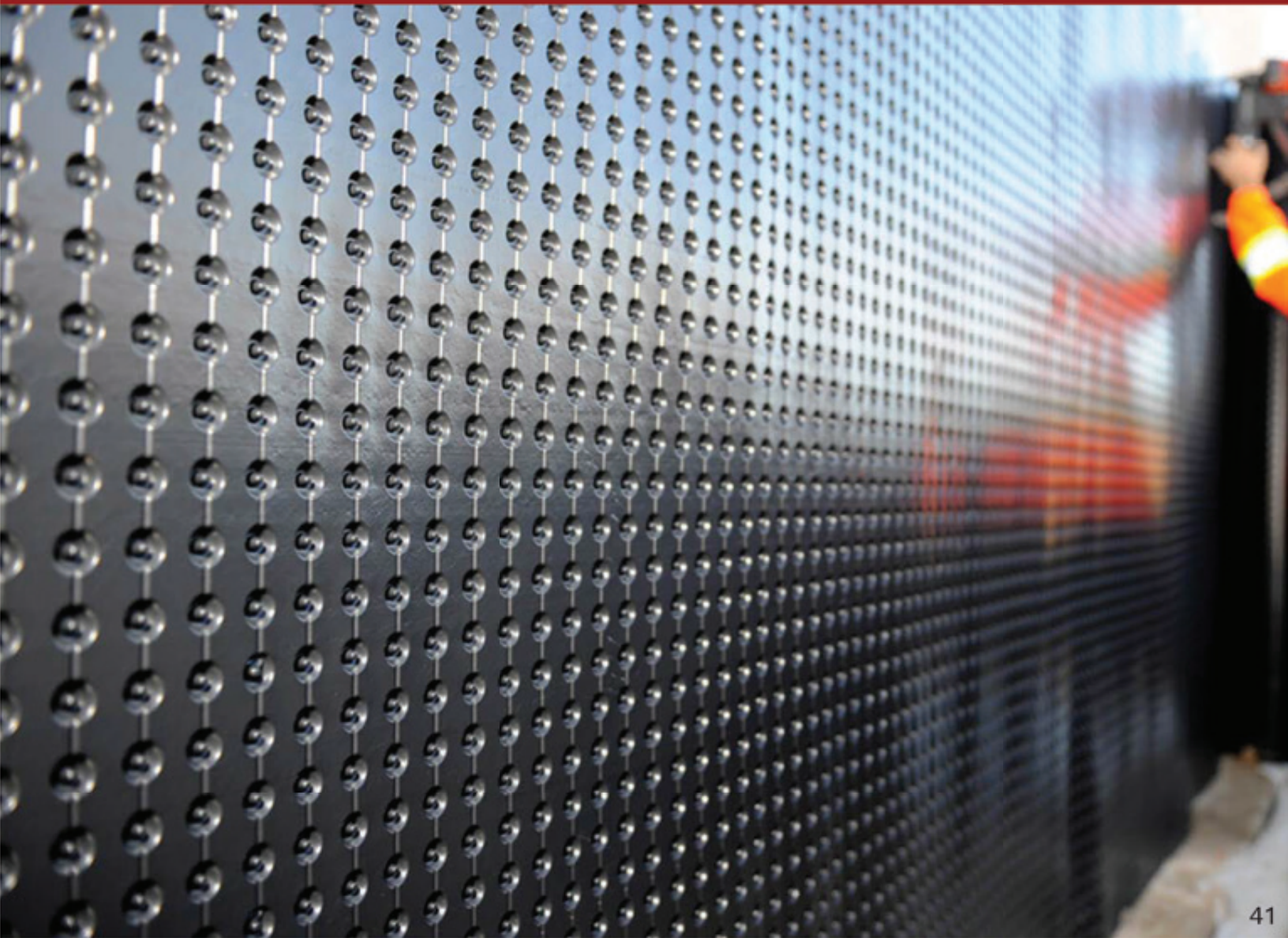
Usage Areas:
Large Liquid Retaining Structures
Liquid Retaining Walls



INEXPENSIVELY DURABLE PROTECTION

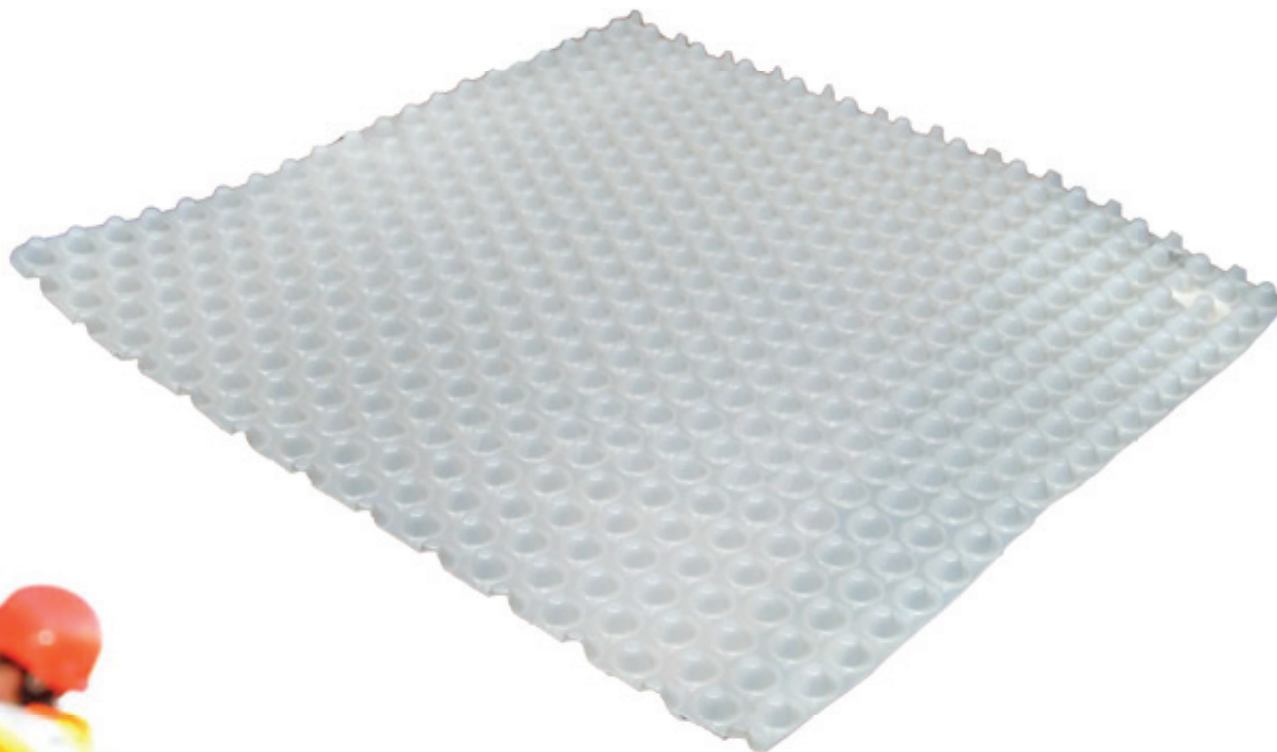
Advantages

- Enhances waterproofing
- Efficient water collector/deflector
- Smooth polymeric sheet layer
- High-flow capacity
- Rot proof
- Economical
- Studded core
- Simple convenient drainage and protection



DIMPLE MEMBRANE

Dimple membrane is an extremely durable, inexpensive and easy to apply waterproofing membranes, one of the most versatile and effective drainage products on the market. It functions primarily and purely as a drainage layer. Popular in both vertical and horizontal applications. Used in applications from residential basements to enormous commercial projects that could extend well below grade.



Usage Areas:

- Landscape Engineering
- Constructional Engineering
- Traffic Engineering
- Municipal Engineering
- Decoration Project

OUTSTANDING PERFORMANCE PROPERTIES



PVC GEO MEMBRANE

PVC geo membranes are a versatile geo membrane liner material that feature higher flexibility, elongation and puncture properties. PVC's flexibility allow fabrication into larger panels and are more efficient to be delivered to site. PVC Geo membranes provide resistance to hydrocarbons, high and low heat environments and other site specifications.

Usage Areas:
Canal & Water Containment
Liners
Landfill Caps
Geo Development Sites

INCREASED FRICTION WITH HEAVY DUTY SURFACE



HDPE – PLAIN/TEXTURE MEMBRANES

The blends of high-density polyethylene (HDPE), a polythene thermoplastic made from petroleum; with polystyrene (PS) deformed plastically by plane-strain compression in a channel dye. MarFlex polyethylene geo membrane has a rough surface which improve the friction coefficient. A perfect and more suitable fit for steep and vertical engineering designs.

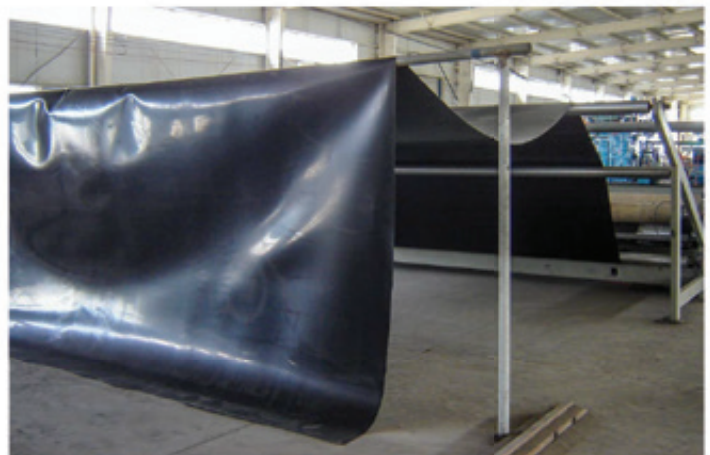


Usage Areas:
Swimming Pools
Chemical Resistant Piping
Cable Inner Insulator
Storage Sheds
Water pipes
Wood & Plastic composites

TEXTURED



PLAIN



DURABILITY
WITH
QUALITY



**HIGH-TENSILE
STRENGTH
AND DURABLE**

BITUMEN MEMBRANE

SBS/APP waterproof membrane is made of modified asphalt through scientific process with heat transfer oil as carrier. Bitumen is a mixed substance made up of organic liquids that are highly sticky, viscous, and waterproof. The SBS modification adds flexibility, application strength and durability to the membranes.

Usage Areas:

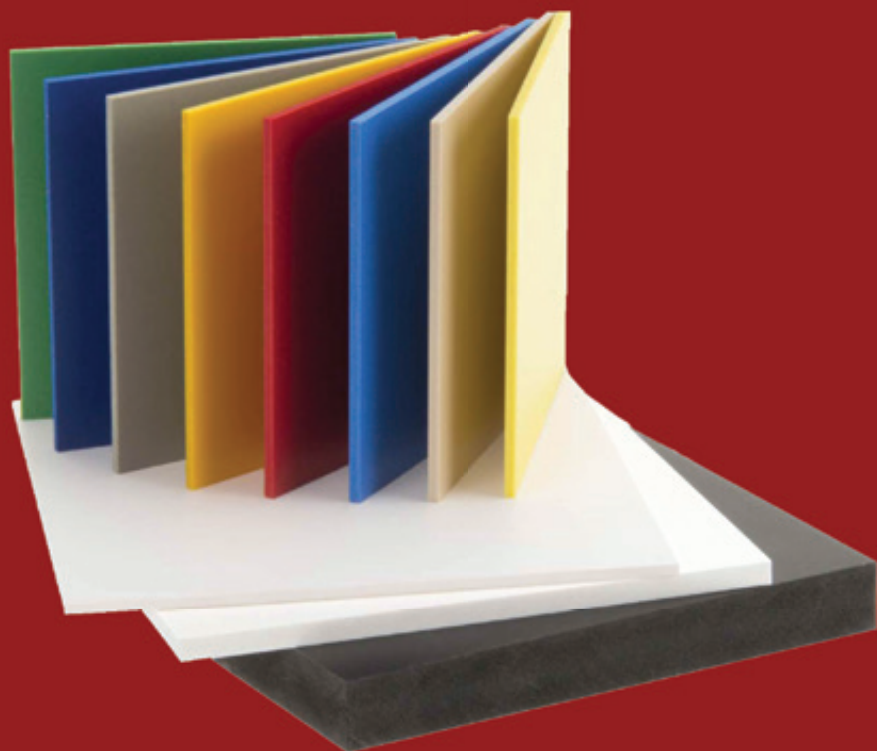
Building Surfacing (Roofs & Ceilings)
Waterproofing for basement
subways
cold storage
airport runways
viaducts



LIGHTWEIGHT INSULATION



**DURABLE AND
DEFIANT**



EPS BOARD

Expanded Polystyrene foam insulation is a lightweight, rigid, closed cell insulation. Available in several compressive strengths to withstand load, providing minimal water absorption and low vapor permeance. Easy-to-handle, store, cut on site, cost effective, and durable insulation are among some of its main properties.

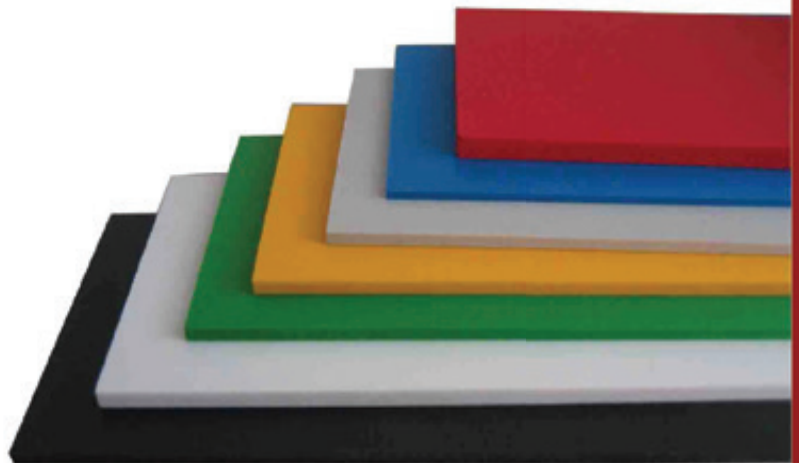


PVC FOAM BOARD

PVC Foam Board is made of light weight foamed PVC which is moisture and corrosion resistant. Considered robust for outdoor use, being immune to rain and resistant to wind and sunlight. Most commonly used for industrial and manufacturing purposes, primarily used in the manufacturing of signs and displays which are used for promotion ads and road signs due to its ideal surface for printing. Other uses include usage in kitchen cabinets, furniture etc.

Usage Areas:

- Kitchen Cabinets
- Bathroom Cabinets
- Telephone Booths
- Ceiling Boards
- Furniture



NO.	Size	Thickness	Concentrated load (deflection=2mm)			Ultimate load	Uniform load	Rolling load			Electrical resistance
	(mm)	(mm)	lb	N	kg	N	N/m ²	N	deflection	Permanent deformation	(Ω)
PRT-G662	600×600	35	662	2950	301	8850	12500	2255	≤2mm	≤0.5mm	10 ⁶ - 10 ¹⁰
PRT-G800	600×600	35	800	3550	363	10650	16500	2950			10 ⁶ - 10 ¹⁰
PRT-G1000	600×600	35	1000	4450	454	13350	23000	3560			10 ⁶ - 10 ¹⁰
PRT-G1250	600×600	35	1250	5560	567	16680	33000	4450			10 ⁶ - 10 ¹⁰
PRT-G1500	600×600	38	1500	6665	680	19995	39324	5560			10 ⁶ - 10 ¹⁰
PRT-G2000	600×600	38	2000	9000	910	31130	58000	8000			10 ⁶ - 10 ¹⁰
CICAS or BS standard size panel			Parete can provide the size 24" ×24" (610mm×610mm) access floor panel.								
Floor covering			HPL, PVC or Ceramic tile (Page 18-21)								
Raised height			Normally from 100mm to 1000mm, above 1000mm, it should be in special solution.								
Electrical resistance			It will be 10 ⁴ -10 ⁶ When use the PVC coverings.								

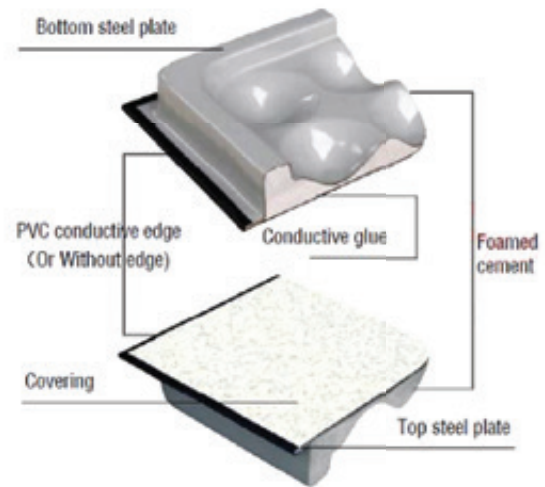


RAISED FLOORING

Also called access flooring; provides an elevated structural floor above a solid substrate (often a concrete slab) to create a hidden void for the passage of mechanical and electrical services. Raised floors are provided in places where there is a need to route wiring, cables, and electrical supply.

MarFlex provides Raised Floor services in various different material bases:

- Calcium Sulphate Anti-Static Access Floor
- Wood Core Anti-Static Access Floor



Usage Areas:
Office Buildings
IT rooms
Server Rooms
Data Centers,
Command Centers
Computer Rooms





MARFLEX RECYCLING

The MarFlex Group understands well, the importance of recycling. MarFlex is into many processes of recycling. The MarFlex group ensures to take care of its laid waste appropriately. Seeking to minimize negative externalities and create usable resources from lay-off of used products to ensure minimal harm to environment and waste control through innovating processes that help allocate waste to a more meaningful use and application.

CAR MATS

MarFlex Car Mats are made from premium quality carpets which are water resistant and have a non-slip, waterproof backing. MarFlex prides itself in using export quality material to manufacture long lasting car mats. MarFlex uses latest European Technology for the PVC backing. The waterproof backing ensures that your Car Mats last longer and do not deteriorate due to repeated washing.

MarFlex car mats provides you with the following advantages:

- Covers every corner of the car floor
- Comes in all car sizes and a universal fit
- Protection against heat and noise
- Suitable for all weather conditions
- Premium quality carpet for greater wear
- Water resistant with non-slip waterproof backin
- Multi-Layer backing

EXECUTIVE MATS



STANDARD MATS



HEAD OFFICE & DISPLAY

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