

**PRODUCT DESCRIPTION:** FIBFLEX DRAINTEX is a dimpled HDPE board for waterproofing, drainage system for drainage of all in-ground structures.

### AREAS OF APPLICATION

- Sunken Areas
- Protection board
- Bridge abutments
- Foundation & retaining walls,
- Planters, roof or balcony gardens,
- Waterproofing of underground areas.

### ADVANTAGE

- Quick and easy installation
- Flexibility and adaptability
- Lite Weight
- High water flow capacity
- One component system
- Non-toxic to plant root systems

### APPLICATION

#### SURFACE PREPARATION

New concrete must be minimum 28 days old and possess an open, porous and textured surface with all curing compounds and sealers removed. Old concrete must be clean and well textured. All oil, dirt, debris, paint and unsound concrete must be removed. The surface must be prepared mechanically using a scabber, bushhammer, scarifier or similar equipment, which will give commensurate surface profile for the application. Coating applications should have a light scarifier appearance while topping applications should have the surface of the concrete, profiled to expose the large aggregate of the concrete. The final step in cleaning should be the complete removal of all residues with a vacuum cleaner or pressure washing. Acid etching is acceptable only when mechanical preparation is impractical. It is recommended that only contractors experienced in the acid etching process use this means of surface preparation. The salts of the reaction must be thoroughly pressure washed away. Allow the concrete to dry completely.

#### APPLICATION

The installation is simple. Unroll the FIBFLEX DRAINTEX roll and allow to rest at location for 30 mins – flattening the sheets out. Spread membrane make sure that the overlapping 5 to 10 cm minimum is required.

### TECHNICAL SPECIFICATIONS

DRAIN BOARD				
Properties	Test Method	Unit	Value	
Raw Material	HDPE			
Studs for Square		n/m <sup>2</sup>	1800	
Width		m	2.3	
FILTER GEOTEXTILES				
Geotextile	PP			
Weight	EN ISO 9864	g/m <sup>2</sup>	140	
Water Permeability	EN ISO 11058	mm/s	110	
Opening Size	EN ISO 12956	micron	95	
DIMPLE BOARD				
Thickness at 2 kPa	EN ISO 9863-1	mm	8.0	
Compression Srength	EN ISO 25619-2	kN/m <sup>2</sup>	200	
Tensile Strength ( MD/CMD )	EN ISO 10319	kN/m	9/9	
Elongation at max load ( MD/CMD )	EN ISO 10319	%	30/30	
HYDRAULIC PERFORMANCE				
Plane Flow Capacity MD ( 20kPa, S/R, i=1 )	EN ISO 12958	L/(m.s)	4.5	
Plane Flow Capacity MD ( 20kPa, S/R, i=1 )	EN ISO 12958	L/(m.s)		
Flow Rate	EN ISO 12958	L/min/ m	200	
Hydraulic gradient	Contact	i=0.0 4	i=0.1 0	i=1
Load: 20 kPa	S/R	0.60	1.00	3.20
Load: 50 kPa	S/R	0.55	0.95	3.10
Load: 100 kPa	S/R	0.45	0.80	3.00
Load : 200 kPa	S/R	0.35	0.55	2.40
STANDARD DIMENSSION				
Width	m		2.3	
Length	m		20	

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

# FIBFLEX DRAINTEX

HDPE DIMPLED BOARD

Product # 114.77  
Version no: 16.11.23

# Tech Data

## PACKAGING

FIBFLEX DRAINTEX is available in 2.3m x 20 m rolls.

## STORAGE

Fibflex Geo Textile has shelf life of 5 years if stored properly in original, unopened packing between +5°C to + 40°C in dry areas.

## NOTE

The information supplied in this datasheet is based upon extensive experience and is given in good faith in order to help you. Our company policy is one of continuous Research and Development; we therefore reserve the right to update this information at any time without prior notice. We also guarantee the consistent high quality of our products; however as we have no control over site conditions or the execution of the work, we accept no liability for any loss or damage which may arise as a result thereof.

## HEALTH AND SAFETY

This material is intended to be used by trained professionals with proper equipment's. The following safety measures are recommended:

- Wear protective gloves, clothing, goggles, hearing protection for noise reduction and hard hats for falling debris.
- Do not eat, drink or smoke while in active contact with these materials.
- Avoid skin contact.
- Wash hands thoroughly with soap and cool water.
- Never wash the skin with a solvent.
- Anyone experiencing difficulty breathing when working with these materials or showing an allergic reaction should seek fresh air immediately and consult a physician if symptoms persist.

## DISCLAIMER:

Fibrex Construction Chemicals products though are guaranteed against defective materials and manufacture and are sold subject to its standard terms and conditions of sale, copies of which may be obtained on request. Fibrex Construction Chemicals wishes to clarify that any advice, recommendation, specification or information is accurate and correct, though it cannot, at any time assume any liability either directly or indirectly arising from the use of its products. This is because it has no direct or constant control over where or how its products are applied, and whether or not in accordance with the advice specification, recommendation or information given by it.

## FIBREX OTHER PRODUCTS – WE DO

