



ECORASTER

Engineered ground stabilization solution for Oil & Gas facilities

- Improves sub-base and soil stability
- Interlocking cells prevent migration of infill materials and provide solid structural support for access roads, tank farms and pump jacks
- Manufactured from 100% recycled plastic
- Reusable
- Quick and easy installation
- Extremely lightweight
- Engineered for extreme temperature ranges from -50°C to $+90^{\circ}\text{C}$. It is oil, gas, acid resistant and UV stabilized
- Patented safety interlocking system
- Permeable ground and surface reinforcement.

Facing a competitive environment, the Oil & Gas industry needs to operate with high efficiency while lowering costs and factoring in demanding site conditions. Challenges include deteriorated site access, drilling pads and platforms built on soft sub-grades, shifting gravel, rutting and mud. Soil stabilization is a financial, safety and environmental issue for this industry. Ecoraster is a tough, durable interlocking grid system designed for ground reinforcement and erosion control.

For solutions contact:



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Exclusive Distributors for Western
Canada

 **ECORASTER®**

ECORASTER

Effective Solution for Ground
Stabilization & Erosion
Control



Phone 403.877.5883

Advantages

Designed specifically for the industrial sector. Offering ground support and stabilization for:



- Road access
- Pumpjack bases
- Storage tank containment support
- Loading facilities
- Drilling sites
- Reduces operational costs by minimizing excavation
- Saves on maintenance expenses by decreasing repair times and preventing the aggregate loss
- Efficient in all types of terrain and climate conditions
- Installation doesn't require any specialized equipment or training to install
- Pipeline riser and crossing support
- Increase productivity and site safety.

E50 Product Specification

	Metric	US Customary Units	In Accordance to	
BASE MATERIAL	Dimensions of tile & sheet	33 cm x 33 cm x 5 cm	12.99 in x 12.99 in x 1.96 in	
	Wall height:	50 mm	1.96 in	
	Wall thickness:	Outer: 5 mm, inner: 3.5 mm	Outer: 0.19 in, inner: 0.11 in	
	Weight per tile:	1.06 kg	2.34 lbs	
	Weight per area:	9.55 kg / sq m	1.95 lbs / sq ft	
PROPERTIES	Compressive strength:	20 t axle load	22.04 t axle load	
	Loadbearing capacity:	350 t / sq m	385 t / 1.19 sq ft	DIN 1072
	Axle load:	20 t	22.04 t	
	Tensile strength of connection:	> 5 kN / lfm		
	Pressure resistance:	> 50 kN		DIN EN 124
	Dimensional expansion/compression	0.5%		
	Humidity absorption:	0.01%		
	Stability:	-50°C up to +90°C	-58°F up to +194°F	
Solubility:	Resistant against acid, alcohol, oil and gas, salt, ammonia & acid rain			
CERTIFICATION	Durability:	Unlimited		
	Charge:	Up to 20 t axle load	Up to 22.04 t axle load	DIN 1072
	Environmental compatibility:	Groundwater neutral, weatherproof, UV resistant		DIN 38412 L3
	Tested in accordance with:	TUV NORD	Reference no: 8000 555553	
		Date: 08/05/2009	Registered no: 44 781 09 555553	Test Report no: 09 781 555553
PACKING INFORMATION	Packing Unit:	1 sheet (=12 tiles or 1.33 sq m or 14.32 sq ft)		
	Sheets per pallet:	43		
	Coverage	57.19 sq m	615.58 sq ft	
	Tiles per pallet:	516 pieces		
	Dimensions per pallet	105 cm x 135 cm x 229 cm	41.33 in x 53.14 in x 90.15 in	
	Gross weight per pallet	560 kg (pallet incl.)	1,234.59 lbs	

