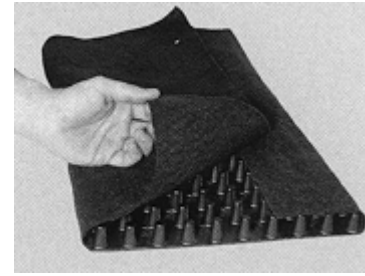




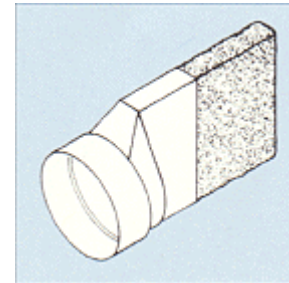
AKWADRAIN™ soil strip drain

AKWADRAIN strip drain is a prefabricated, high-flow soil drainage system that offers better draw down of water than pipe while costing around 60% less to install. AKWADRAIN strip drain consists of a formed polymeric core surrounded by a geotextile filter fabric. The fabric allows water to pass into the core while restraining soil particles which might clog the core. The core allows water to flow to designated drainage exits.



AKWADRAIN strip drain is 1" (25mm) thick and is available in 6-36" (150-1000mm) widths and in 50-500' (15-150m) long rolls. AKWADRAIN strip drain can be made with selected compressive strengths to suit a wide range of applications.

Standard AKWADRAIN straight and tee fittings are available to connect lengths of strip drain to each other. End connectors are available to attach strip drain to PVC or corrugated polyethylene pipe.



AKWADRAIN strip drain is listed by SBCCI (Public Safety Testing & Evaluation Services, Inc.), Evaluation Report #9932. Copies available on request.

Typical AKWADRAIN strip drain applications



For golf course tees, fairways and greens



For other athletic fields or recreational areas



For residential and commercial properties



For parking areas and planters

- [Golf course](#) tees, fairways, greens & sand traps
- Other [athletic fields](#) and recreational areas
- [Residential lawns & gardens](#) and commercial green space
- [Other residential applications](#)
- [Roof gardens & planters](#)
- Tree aeration
- [Trench & French drains](#)
- Retrofit & new construction
- Wetlands
- [Parking areas & plaza decks](#)

AKWADRAIN prefabricated strip drain offers the following benefits:

- **Low Installed Cost** - Combined installation and material cost is usually less than half that for aggregate drains.
- **Easy To Handle And Install** - Lightweight, easy-to-handle prefabricated drain is placed easily and quickly. No heavy equipment or skilled laborers are required. Inexpensive to store and transport.

- **High Flow Capacity, No Clogging** - Structure of core provides multiple channels for vertical and horizontal water flow. Filter fabric permits high volume entry of water into core while restraining soil particles.
- **Strong And Durable** - Crush strength of core resists damage during installation or at greater soil depths. High tear and puncture strength of fabric insures no damage during backfilling or use.
- **Simple Inspection** - Easy visual inspection of material and installation is possible.
- **Chemically Resistant** - Both core and fabric are resistant to all naturally-occurring soil materials. Optional fabrics and cores are available for unusual chemical situations.
- **Reduces Drainage Space Requirements** - Thickness requires much less space than aggregate drainage.
- **Predictable performance** - Uniform properties and quality assure predictable drain performance.

A simple, reliable, money-saving alternative to aggregate drainage.

Comparison of AKWADRAIN strip drain to aggregate drainage alternatives

AKWADRAIN Soil strip drain

Better drainage
Lower cost
Easy to install



	French drain	Pipe drain	Strip drain
Pipe	None required	4" Minimum	Not required
Fabric	Yes	Yes	Already on drain
Stone or sand	Yes	Yes	Not required
Backhoe	Yes	Yes	Not required
Trencher	No	No	2" Trencher
Dump truck	Yes	Yes	Not required
Pickup	Yes	Yes	Yes
Laborers	3 Minimum	3 Minimum	1
Trench width	12" Min.	12" Min.	2 - 4"

AKWADRAIN prefabricated highway edge drain

AKWADRAIN strip drain is one of the most effective products for highway edge drainage. Special high strength cores provide protection during installation and a long service life. Widths are available up to 36" (900mm).

