



# RecoDrain

## Easily installed modular channel drainage system

RecoDrain is an **innovative, strong, modular, easy to install** and **long lasting** drainage solution which can be used for a wide range of applications. Able to withstand up to **1.5 tonnes** per 1m length and coming with a **10 year manufacturer** guarantee, RecoDrain is the ideal drainage solution for use on a huge number of your upcoming projects. Manufactured from **100% recycled plastic** in 500mm lengths, you can connect as many pieces of RecoDrain together as you want to create any length or shaped drainage system which is **environmentally friendly** and can be recycled at the end of its use.

- RUBBER GRASS MATS
- RUBBER PLAY TILES
- BELT CONVEYORS
- STEEL FIXING PINS
- PLASTIC FIXING PEGS
- LAWN & BORDER EDGING
- FORCED ACTION MIXERS
- WATER STORAGE CRATES
- RESIN BOUND GRAVEL
- RUBBER GYM MATTING
- GRASS PROTECTION MESHES
- GRASS REINFORCEMENT MESHES
- GROUND REINFORCEMENT & GRAVEL RETENTION GRID
- SUBMERSIBLE COMBI PUMPS
- RECYCLED PLASTIC DECKING
- RECYCLED PLASTIC LUMBER
- LANDSCAPING & WEED CONTROL MEMBRANES



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This document was produced in August 2019 and the reliability and accuracy of this data should be checked by the reader prior to design or purchase.

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**LIGHTWEIGHT**  
Weighing just 1.35kg per length of RecoDrain, one person is able to move and install this drainage system

**LOAD BEARING**  
RecoDrain is rated A15 which means that each 1m length is able to withstand up to 1.5 tonne of pressure

**CUSTOMISABLE**  
Using the 500mm lengths & attachments you can create any shape you wish and connect to drainage pipes

**RECYCLED**  
Manufactured from 100% recycled plastic and is recyclable at the end of its use

**EASY ASSEMBLY**  
RecoDrain requires no tools to be assembled. 500mm lengths can be simply attached together

**FEET**  
Feet help levelling by offering added support. They also reduce floating if being set in concrete or mortar

**LONG LASTING**  
RecoDrain is known for its durability and comes with a 10 year manufacturer guarantee

### KEY FACTS

- » Length: **1020mm**
- » Width: **125mm**
- » Height: **78mm**
- » Unit Weight: **1.24kg**
- » Colour: **Black**
- » Pack Size: **1**
- » Pallet Quantity: **120**
- » Material: **Recycled plastic waste**
- » Manufactured In: **The UK**
- » Accessories: A **110mm adaptor**, an **end cap with knockout** and a **4 way connector with a knockout base**

### APPLICATIONS

- DRIVEWAYS**  
Installed in the middle or at the end of driveways for a built in drainage system
- CAR PARKS**  
Create large drainage systems to reduce surface water build up in car parks
- PATHWAYS**  
Prevents paths from becoming flooded by installing a modular drainage system
- GARDENS**  
Used domestically and commercially to help any water drain away naturally
- URBAN AREAS**  
Used in towns and large social areas to help prevent any localised flooding
- COMMUNAL SHOWERS**  
Used as a drainage system in communal wash areas such as leisure centres

# Installation Instructions

## 1. Prepare the area

Excavate a neat trench at the installation site to the length, depth and width of your RecoDrain. It is recommended that you fix a line of string or material along the length of the proposed channel run to ensure that you will be installing a straight drainage system.

## 2. Lay a firm sub-base

The type of material you need for the sub-base of your RecoDrain all depends on the weight of traffic it will experience. If your RecoDrain will experience only pedestrian traffic, then a compacted fill can be used as the sub-base in the trench. However, a bed of good quality concrete may be required if the RecoDrain is to be used in an area where there will be heavy vehicular traffic.

## 3. Prepare the RecoDrain knockouts

In order to allow connection to a normal drain pipe, the well marked out knockout zones will need to be removed which can be easily done using a small hammer or mallet. The knockouts are located on the base of the RecoDrains.

## 4. Assemble the RecoDrain

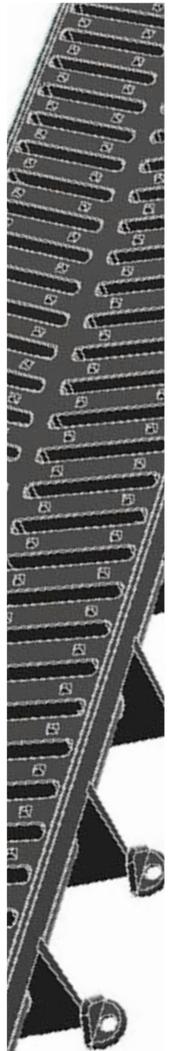
The RecoDrain sections will then need to be connected together as well as fitting end caps at the end of the drain. This will need to be done before the RecoDrain can be placed into the prepared trench.

## 5. Install RecoDrain and backfill

Once the RecoDrain has been created and the relevant knockouts have been removed, you should connect the masks along the drain. The RecoDrain can then be placed into the trench in the correct position before backfilling to the correct level.

## 6. Complete the installation of RecoDrain

The RecoDrain will then need to be surrounded with either backfill or concrete which needs to be finished around 2-3mm above the grate. Ensure the ground around is level and compact to reduce the chances of your drain moving once installed.



PRODUCT CODE	COLOUR	DESCRIPTION	LENGTH (mm)	DIMENSIONS W X H (mm)	PACK SIZE	PALLET QTY	UNIT WEIGHT (kg)
RD1001	Black	RecoDrain	1020mm	125mm x 78mm	1	120	1.24
RD1011	Black	Four Way Connector w/ Two end caps	130mm	120mm x 100mm	1	630	0.62
RD1031	Black	Blank End With Knockout	100mm	75mm x 200mm	10	600	0.18
RD1032	Black	Adaptor	115mm	115mm x 400mm	10	216	0.60
RD1041	Black	RecoDrain Garage Pack (3m & two end caps & adaptors)	235mm	285mm x 515mm	1	34	3.83