

NEW CONSTRUCTION ROOF DRAINS

DESCRIPTION

New Construction Roof Drain Kits provide all the components for quick installation of new drains or replacement of existing roof drains. Each Kit contains all the essential components needed and is adaptable to most single ply membranes and conventional built-up roofing.

PRODUCT SELECTION

PVC Drain Kit is a retrofit roof drain made up of a heavy gauge spun aluminum drain body, Can be used on steel, wood, pre-cast concrete or gypsum roof decks.

Cast Iron Drain Kit is retrofit roof drain made up of a copper body, ABS clamping ring, polyethylene strainer and expanding tape to prevent water backflow issues.

PRODUCT SELECTION

PRODUCT	PART #
3" Cast Iron Drain Kit	RD-3000-CI
3" PVC Drain Kit	RD-3000-PCV
4" Cast Iron Drain Kit	RD-4000-CI
4" PCV Drain Kit	RD-4000-PCV
6" Cast Iron Drain Kit	RD-6000-CI
6" PCV Drain Kit	RD-6000-PCV

UPGRADES	PART #
10" Cast Iron Strainer	RD-10000-CI-S
10" Aluminum Strainer	RD-10000-AL-S
12" Cast Iron Strainer	RD-12000-AL-S

INSTALLATION

STEP 1: Install appropriate sealant in clamping ring area as per membrane manufacturer's requirements. Install single ply membrane, soft copper, lead flashing between clamping ring and drain flange as per manufacturer's details.

STEP 2: Will attach to Schedule-40 DWV plastic or No-Hub cast iron drain line.

Note: When joining ABS and PVC plastic together, the use of an all-purpose cement is required. Under all conditions, proper drying of PVC connector to drain is required before attaching the coupling.

STEP 3: Use a maximum of 60 inch-pounds of torque to tighten coupling bands. Use care when securing clamping ring and underdeck clamp as excessive tightening is not required.

Note: Drain flange must sit on insulation having adequate compressive strength. Wet or damaged insulation, or insulation with low compressive strength should be removed around drain flange seating area and replaced with insulation having a minimum compressive strength of 25 psi. Drain should have insulation tapered to it, allowing complete drainage through weep holes of clamping ring.

This is a general outline only. For exact installation instructions, refer to the Performance Roof Systems Specification & Detail Guide.

TYPICAL PROPERTIES*

PROPERTY	DESCRIPTION
Available Sizes	3, 4 and 6" drain lines
Body Material	PVC or Cast Iron
Flange Diameter	10" or 15"
Strainer Sizes	4.5" tall with 10" Diameter 6" tall with 12" Diameter
Strainer Options	Plastic, Cast Iron or Aluminum
Clamping Ring	1.25 heavy duty ABS ring

