



RediPave Modular Median™

Installation Instructions



1. Insure proper maintenance of traffic is set up to ensure the safety of the workers, motorists and pedestrians.



2. Mark position on road for location of medians and assemble the Redipave modules accordingly.



3. Ensure all module joints are butted tightly together. Start from the middle sections of the RediPave, and with a 19/32-in. drill bit, drill through the holes to a depth of 10.5 inches or greater. The drill used will be an electric Hilti T15 or T21 hammer drill (or similar) powered by a generator and a suitable power extension cord.



4. Blow out anchor holes using a long-nosed air gun, powered by a 120-psi portable compressor. Insert resin starting at base of hole, 2 to 3 pumps required using a resin gun.



5. Insert torx screw through black plastic anchor block and attach RediPlug and tap down to surface level. Tighten with impact wrench; ensuring torx screw is firmly seated.



6. Repeat drilling, blowing, and resin for remaining middle holes and use black plastic anchor block to secure median. Once middle sections have been completed, drill remaining outside holes and blow out anchor holes using the long-nosed air gun. Thoroughly blow out holes and insert resin starting at base of hole, 2 to 3 pumps required per hole.

Warning – resin will harden within 25 minutes or less.



7. Insert torx screw and plastic washer into RediPlug. Tap assembly down to 2 3/4-in. above module surface and tighten with impact wrench, ensuring washer is firmly seated.

8. Remove all work debris, maintenance of traffic signs and barriers from site.

Installation Tools Checklist

Equipment	Orca Traffic Separator	RediPave Modular Median	RediPave Splitter	Traficop Speed Cushion	SiteCop Plus Speed Hump	SiteCop Speed Bump	RediPave Delineator Kit	Orca Delineator	Got It!	Notes
Heavy Duty SDS-Plus Hammer Drill	X	X	X	X	X	X	X	X	X	Drilling holes for anchor screws in pavement
3000 Watt plus Generator	X	X	X	X	X	X	X	X	X	Power for drill (Larger for multiple drills or electric compressor)
75-ft. Heavy duty extension cord	X	X	X	X	X	X	X	X	X	Power cord for drills
120-psi. Portable air compressor	X	X	X	X	X	X	X	X	X	Air gun and impact wrench (Gas powered preferred)
1/2-in. Pneumatic Impact Wrench	X	X	X	X	X	X	X	X	X	Anchoring screws
50-ft. Pneumatic hose	X	X	X	X	X	X	X	X	X	Air gun and impact wrench (with proper fittings for wrench and air gun)
3/8-in. Standard cordless drill							X			Drilling delineator holes
Specialty Tools										
12-in. Long Nose Air Gun (For Blowing out drilled holes)	X	X	X	X	X	X	X	X	X	
9/16-in. x 12-in. SDS-Plus Masonry Drill Bit (For drilling all holes)	X	X	X	X	X	X	X	X	X	1 per 150 Holes
Resin Cartridge Gun (for resin cartridge)	X	X	X	X	X	X	X	X	X	1 per 150 Anchors
1/2-in. Drive T40 Torque Bit (For anchor countersunk screws)	X	X	X	X	X	X	X	X	X	1 per 200 Anchors
1/2-in. Drive 17 mm Deep Socket (For hex head coach screws)	X				X	X	X	X	X	1 per 100 Holes
1-in. x 10-in. SDS-Plus Masonry Drill (For drilling anchor holes)							X			1 per 100 Holes
19/32-in. HSS Drill Bit										
6 mm Short Arm Hex Key										
10 mm Long Arm Hex Key									X	
Standard Tools (Suggested for all installs)										
1. Not all tools are present (e.g. forgetting the anchor plugs from shipment)										
2. Tools are not adequate in size or strength for efficiency (e.g. small compressor, non-SDS drill)										
3. No backup tools (e.g. extra drivers and bits)										
4. Not loading all components (e.g. forgetting the anchor plugs from shipment)										
5. Not enough people to assist (e.g. should have about 4 people (working) to move things along)										
6. Poor Maintenance of Traffic (We all want to make it home)										
Common Issues										
Goggles										Wear for eye protection while drilling and blowing
Rubber Mallet										Tapping in anchor assemblies
Ball Peen Hammer										Tapping in anchor assemblies
1/2-in. Ratchet										Backup manual install
Vice Grips										Reversing stripped anchors
Utility Knife										Various uses
Brush										Sweeping debris from drilling
Work Gloves										Hand Protection
Retroreflective Safety Vest										Personal Protection
25-ft. Measuring Tape										Assist in layout
Pavement Marking/ Carpenter's Crayon										Assist in layout