



Material and Equipment Recommendations

(Material coverage is approximate)

MATERIALS

RPM mats	1 mat (20"W x 44"L) covers 6.11 s/f
RPM-330	5/16" stud height
RPM-500	1/2" stud height
RPM grommets	100 per bag, 100 s/f per bag, depending on quantity of wire turns
Adhesive	To adhere RPM mats to substrate
Over Plywood	Roberts 2001 (felt-back sheet vinyl adhesive) or equivalent 60 s/f per gallon with 1/8" x 1/8" v-notch trowel
Over Concrete	Bostik's Hydroment Ultra Set Advanced (urethane adhesive) 50 s/f per gallon with 1/8" x 1/8" v-notch trowel
Electric Heat Wire	Depends on size of project, ask your distributor
Bonding Agent	Apply to RPM mats after installing wire, prior to cement leveler See manufacturers recommendation for coverage
Underlayment	Trowelable cement leveler or self leveling underlayment. Coverage: RPM-330 (5/16") / 2.13 lbs per s/f. RPM-500 (1/2") / 3.40 lbs per s/f.

EQUIPMENT

Stapler/Staples	To attach RPM to plywood/OSB after adhesive
Upholstery Stapler	Porter Cable Model # US58 Pneumatic Upholstery Stapler or equivalent Porter Cable US12G Galv. Upholstery Staples 3/8 x 1/2, 600 s/f per box
or Crown Stapler	1/4" Narrow Crown Stapler with depth control 1/4"W x 1/2" - 3/4"D Galv. Crown Staples
Compressor	For stapler
Knee Pads	For kneeling on RPM mats
Gloves	For stringing wire and for when you are on hands/knees on RPM mats
Safety Glasses	Always recommended
Chalk Line	For snapping lines to ensure straight installation
Bucket(s)/Water	For cement mixing and cleanup
Sponge	For keeping trowel clean during adhesive application
Drill	For cement mixing
Mixing paddle	To mix the cement leveler
1/8" x 1/8" V-Notch Trowel	To apply adhesive
Metal Flat Trowel	To screed leveler
Wood Float	To press RPM down into adhesive (or use metal trowel)
Utility Knife	For cutting RPM
Glue Gun/Glue Sticks	To attach to cold lead and end splice of heat wire
Pump Sprayer	To apply bonding agent (preferred method)
Foxtail Brush	To brush out puddled areas of (or apply) bonding agent
RPM GT Pro Grommet Tool	To install RPM grommets