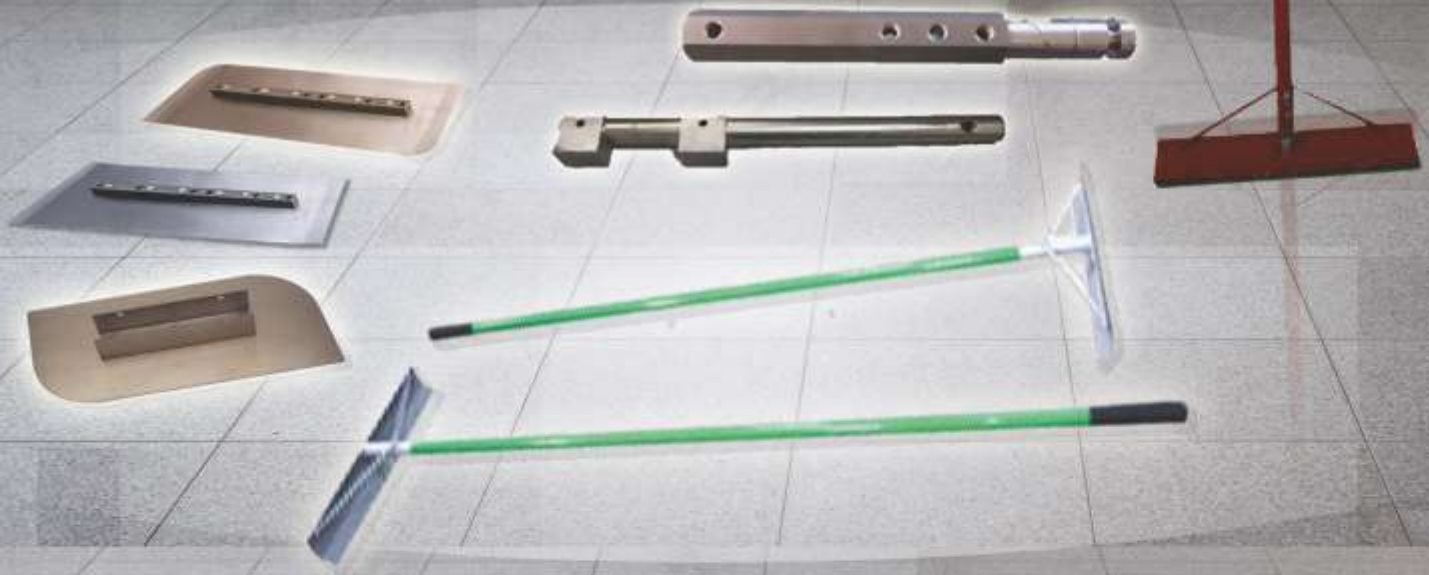


POWER TROWEL

Blades and Accessories



INTRODUCTION

Trowel Blades by design, are the first components of a Power Trowel that will require replacement. The rotating motion of Blades against the abrasive concrete slabs makes wearing an inevitable process.

Raychem RPG's Power Trowel Blades are manufactured from high quality raw materials as per International Standard in order to deliver the longest life possible with increased efficiency of troweling and obtaining best finish on the concrete floors, thereby reducing the average cost of construction, hence increasing the profit levels of the contractors.

Raychem RPG manufactures blades for various applications in Power Trowel machines for concrete paving. Raychem RPG is producing all Blades as per International Standard as well as Customized blades to suit with majorly all types of Ride-on and Walk-behind Power Trowel machines of all the renowned Brands.

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RAW MATERIAL:

- Specially formulated hardened and tempered High Carbon spring steel (SAE 1075) which is the most wear resistant for Blade sheets.
- Mounting Brackets (Square Bar) made from EN 1A as per SAE 1018 steel with precision machining, ensures easy fitment with any Power Trowel.
- 100% free from radioactive (Cobalt 60) content.
- ROHS compliant.

MANUFACTURING OPERATION OF RAYCHEM RPG'S POWER TROWEL BLADES:

- Single Stroke cut and bend operation ensuring uniform precise degree of bending and flat surface of Blade sheet whilst production.
- Mounting Brackets (Square Bars / Rods) manufactured on Vertical Machining Center (VMC) which ensures easy fitment with any Power Trowel
- Holes are tapped with pitch control precision machining (M8, M6, 5/16", 3/8", 1/4") as per ANSI / ASME
- Bolts and Washer as per Metric and Imperial Standards
- Rivets are precisely sized and pressed to securely attach square bar to the blade preventing separation. Using more rivets to ensure maximum riveting strength.
- Thread Protection Plastic Bush
- Brand identification by etching logo on the blades.



Trowel Blade Basket



RB-0614F
Finish Blade 6x14



RB-0618F
Finish Blade 6x18



RB-0814C
Combination Blade 8x14



RB-0818C
Combination Blade 8x18



RB-0814FC
All 4 Corner rounder edge Flat combination/Finish blade 8x14



RB-0818FC
All 4 Corner rounder edge Flat combination/Finish blade 8x18



RB-0614CB
Finish Blade 6x14
all 4 corner bend upward



RB-0618F-CB
Finish Blade 6x18
all 4 corner bend upward



RB-0614FE
Finish Blade /2" Radius on opposite Corners 6x14



RB-0618FE
Finish Blade /2" Radius on opposite Corners 6x18



RB-0814-R2
Combination Blade / No Corner cuts and 2" radius trailing corner, 8x14



RB-0818-R2
Combination Blade / No Corner cuts and 2" radius trailing corner, 8x18



RB-0623F
Finish Blade 6x23



RB-0823C
Combination Blade 8x23



RB-0616F
Finish Blade 6x16



RB-0816C
Combination blade 8x16



RB-0614CH
Finish Blade with Channel 6x14



RB-0618CH
Finish Blade with Channel 8x16



RB-0814CH
Combination Blade with Channel 8x14



RB-0818CH
Combination Blade with Channel 8x18



RB-0816F
Finish Blade, all Four Corner rounded edge 8x16



RB-0618FT
Blank finish Blade without Bar, 4 holes & Bolts 6x18



RB-1014FO
Float blade 10x14



RB-1018FO
Float blade 10x18

BENEFITS OF RAYCHEM RPG BLADES:

- Smooth and Chatter free finish of floors
- High performance delivered to produce professional results of Flatter floors to achieve optimum Floor flatness (FF) and Floor Levelness (FL) numbers
- Maximum life and performance
- Easy and flexibility to fit onto any trowel machine
- Low cost of construction per sq.m
- Reduced Troweling marks
- Separation prevention of Square Bar and Blade by use of more no.of rivets during assembly
- Less wear & tear of the Troweling machine
- Low / Negligible vibrations

PRODUCT RANGE

FINISH BLADES

Finish Blades are made of a quality spring steel. These are narrow, 6 inch wide blades. The length varies according to the diameter of the machine on which they are to be used. All finish blades are reversible (can be turned end for end).

This blade is used when the concrete has begun to set. The blades are tilted from 3 degrees to 5 degrees and usually used at full speed. They make the concrete surface hard and glossy.

6" X 14" (36" Machine)

6" X 18" (48" Machine)



COMBINATION BLADES

Combination Blades will do both floating and finishing operations. This blade is not reversible. The combination blade has three (3) edges turned which allows it to be used flat in the floating position and tilted in the finish position.

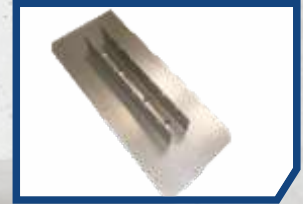
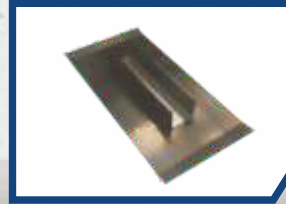
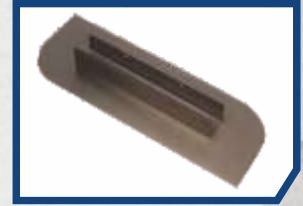
5" X 9.25" (24" Machine)

8" X 14" (36" Machine)

8" X 18" (48" Machine)

CHANNEL BLADES

For 24" Machine
For 36" Machine
For 48" Machine



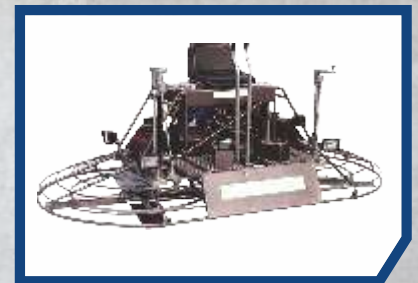
FLOAT BLADES

Float Blades are made from an abrasive resistant steel. This is a wide blade, with all edges turned up. This blade is used flat. To use float blades, a finisher will wait only until the concrete is hard enough to support his weight. The blades are used in a flat position and their function is to pack the surface aggregate into the slab and force the water to the top. These blades can be reversed.

RB-1014FO
RB-1018FO

SPECIAL BLADES – BLUE & GOLD FINISH FOR HIGHER LIFE

Raychem RPG Special Blue and Gold finish blades are the most efficient and built from extra thick gauge high-performance spring steel which prove to be heavy and tough enough to cater to heavy duty applications and machines like that of Ride-On Troweling machines to delivery highest performance and bear the load of the machines where long lasting life is of prime importance to reduce the downtime of changing over of the blades.



PLASTIC BLADES

To provide a burnish free finish over the concrete, Raychem RPG high quality Plastic Trowel Blades are manufactured from UHMWPE (Ultra High Molecular Weight Polyethylene) sheets to provide best results for epoxy floors and a longer life.

- 4.75" X 9" (24" Machine)
- 5" X 9.25" (24" Machine)
- 6" X 14" (36" Machine)
- 8" X 14" (36" Machine)
- 6" X 18" (48" Machine)
- 8 X 18" (48" Machine)



CONCRETE PLACERS (RAKES)

Raychem RPG is proud to present an excellent range of concrete finishing tools that includes Rakes and Placers.

This range includes products that can make the task of finishing concrete quick, easy and always accurate.

Concrete rakes from Raychem RPG help you spread and grade concrete by pushing and pulling concrete into place effectively without making you stop at any point of time. Raychem RPG Concrete Rakes / Placers are made by extrusion process of Strong Lightweight Aluminum and additionally Heavy Duty Aluminum supporting frame is provided for giving added strength to the Rake.

Raychem RPG Rakes are durable with heavy duty construction with a smooth surface with which the operator can rake or float as required They are provided with a 60" – 64" handle to give the user flexible control and reliability whereas the lightweight construction

prevents fatigue of the operator during long working hours on the worksite.

Raychem RPG Concrete placers are an excellent option for those applications that require a strong, portable, lightweight and surely a durable product.

Raychem RPG provides Rakes in various colours viz. Green, Silver Finish, Magenta Red, Dual Finish, which are powder coated to give an impressive look.

SPECIFICATIONS

Brand Name	: Raychem RPG
Part Number	: RAKE #
Country of Origin	: India
Blade Length	: 19.5"
Blade Width	: 3.77"
Blade Material	: Aluminum
Handle Length (in)	: 60" – 64"
Handle Material	: Aluminum
Product Name	: Concrete Placer / Concrete Rake
Colour Variants available	: Green, Silver Finish, Magenta Red, Dual Finish
Packaging Box dimensions	: 1760 x 570 x 350 mm



CUSTOMIZED BLADE SIZES TO SUIT YOUR TROWEL MACHINE

Apart from above standard Blades, we offer design and development of Customized sizes of Trowel Blades to suit and fit onto your Trowel machines. For more details please contact us.



R-Kut[®]

POWER TROWEL ARMS

Power Trowel Shafts / Arms are the ones on which the Power Trowel Blades are mounted which are used to rotate the blades at high speeds for concrete finishing.

Raychem RPG with its best machining capabilities manufactures Power Trowel Shafts / Arms with high quality alloy steel conforming to International Standards, as per customized design for majority of the OEMs over the globe with various designs as per customized requirement.



RAYCHEM RPG CONCRETE LEVELLING SCREEDS

Raychem RPG Concrete Levelling Screeds are manufactured from lightweight high grade and heavy duty aluminum alloy which performs by striking off excess wet concrete to bring the top surface of a slab to the proper grade and smoothness by levelling the concrete. Raychem Screeds are fitted with end plugs and are powder coated for easing up the cleaning process and may be reversed to the working face for second use, hence delivering 100% more life. Raychem screed handle brackets is designed to give you the most comfortable operating position when pulling or pushing. It maximizes movement efficiency and reduces fatigue by covering more surface area.

SIZES AVAILABLE:

Brand Name	: Raychem RPG
Part Number	: Concrete Levelling Screeds
Country of Origin	: India
Blade Cross section	: Square section of 50mm (Length) x 41mm (Width) with diagonally opposite circular radial section (R 3.00) to ensure best fitment of handle on screed
Blade Lengths	: 1200mm, 1500mm, 1800mm, 2100mm, 2400mm, 2700mm, 3000mm, 3600mm
Blade Material	: Aluminum
Handle Length	: 860mm
Handle Diameter	: 32mm
Handle Material	: Aluminum
Product Name	: Concrete Levelling Screed
Colour Variants available	: Green, Silver Finish, Magenta Red, Dual Finish



PACKAGING

- Identification marks (Chemical Etching) logo etched on the blades, Bar coding as per customer requirement.
- Special evaporated oil applied onto the Power Trowel blades and VCI bags to avoid rust on the Blades.
- Customized corrugated boxes for per set packing – Private labeling feature also available.
- Product Packaging ISPM-15 Certified & ROHS compliant.

QUALITY ASSURANCE

Raychem RPG has built necessary resources in terms of people and equipment to deliver highest quality products as per International Standards and above all we are an organization which guarantees efficient use of these resources.

PRECISION CONTROL EQUIPMENTS, SUCH AS

- 3D Vision Measurement System (VMS)
- Coordinate Measurement Machine (CMM)
- Surface roughness tester
- Hardness tester
- Coating thickness tester
- Tensile testing machine
- Floating carriage
- Air gauge
- Standard PIN set from 0.5 to 20 mm in least count of 0.01 mm
- Slip gauge sets
- Digimatic height gauge
- Special Purpose gauges

These equipments guarantee exact measurement and supports quality assurance.

LOGISTICS

Goods Delivered at customer required location by Air/Sea on EXW / FOB / CIF / DAP (DDU-2000) basis, through Raychem's best Logistics connectivity worldwide by partnering with various premium, renowned and reliable Logistics freight forwarders.