

ROCKMAX[®] WATERBARS

PVC WATERSTOP



INTRODUCTION

Rockmax Waterbars is polyvinyl chloride waterbar produce from high grade polyvinyl chloride, special resin, chemical additive and It designed to stop passage of water thru expansion, movement or construction joints. **Rockmax Waterbars** made in accordance with the Corps of Engineers Specification: CRD-C572 and ASTM D412, ASTM D2240, ASTM D792, ASTM D624, ASTM D746, ASTM D1149, ASTM D570.

AREA OF USES

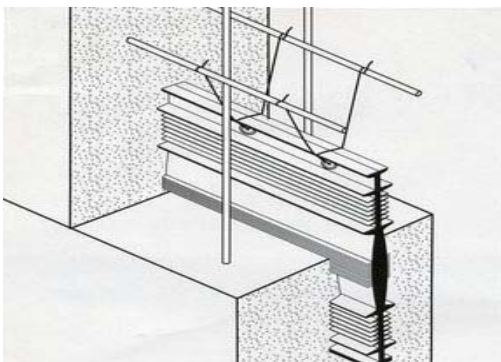
- Expansion joints.
- Construction joints.
- Water tank, waste water tank.
- Tunnels.
- Basements & elevator pits.
- Diaphragm and Retaining walls.
- Dam, Reservoir.
- Sewage and culvert.
- All cast-in situ concrete joints.

ADVANTAGES

- Withstand hydrostatic pressure.
- Can use in portable water tanks.
- Highly resistance to acids and alkaline.
- Can use in movement joints.
- Good flexibility.
- Brass eyelet made firm installation.
- Vary in size and thickness.
- Tailor made as requirement.

TECHNICAL PROPERTIES

Solid Content:	100%
Color:	green, blue
Specific Gravity:	>1.30
Hardness Shore A:	75±5
Tensile Strength:	>145 kg/cm ²
Ultimate Elongation:	>325%
Stiffness in Flexure:	>45 kg/cm ²
Effect of alkali:	
Weight change:	+0.15%/-0.10%
Hardness change:	±5 points
Water Absorption:	<0.5
Alkali Resistance:	Pass



TYPICAL PROFILE

Vpvc Type



Model	Width (mm)	Thickness (mm)
Vpvc 150	150	2.5 - 4.0
Vpvc 200	200	3.0 - 7.0
Vpvc 250	250	4.0 - 8.5

Opvc Type



Model	Width (mm)	Thickness (mm)
Opvc 150	150	3.0 - 4.0
Opvc 200	200	3.5 - 7.0
Opvc 250	250	4.5 - 8.5

APPLICATION

Place **Rockmax Waterbars** on the center of joints. Fix it with steel wire to hold waterbar in place. The upper part of waterbar must be careful from fold down. Place concrete near waterbar with carefully to avoid damage and movement.

CLEANING

Clean all tools and equipments immediately with water.

LIMITATIONS

- All connection joints must be plan and prepare before installation.
- Place concrete carefully.
- Vibration must be care.
- Be aware of welding machine.

PACKAGING

20 or 15 meter per roll.

STORAGE

Storage in shade and dry condition free from frost, water, moisture and high temperature.

SHELF LIFE

24 months if kept follow instructions.

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PRECAUTIONS

Rockmax Waterbars is not hazardous during normal condition use. It is recommended to take the safety standard and precaution for application and storage.

CONTACT DETAIL

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IMPORTANT NOTE!!

The technical information contained herein, while not guaranty, was prepared and approved by technical personnel and is true, accurate to the best of our knowledge. No warranty or guaranty is made regarding performance, stability or other factors beyond our control. Rockmax will welcome to be consultation of our performance and application. This technical datasheet supersedes and issue new edition without prior notice.

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