

ROCKMAX® RUBBERSTOP



RUBBER WATERSTOP

INTRODUCTION

Rockmax Rubberstop is a rubber waterstop based on natural rubber. It used to prevent passage of water through construction and expansion joints. It can be used to all type of concrete structures such as water tank, waste water tank, sewage, channels, swimming pools, culverts, etc. Rockmax Rubberstop are also available in other polymers such as CR (Chloroprene/Neoprene), EPDM rubber.

AREA OF USES

Rockmax Rubberstop can be used for stop passing of water through concrete structures such as water tanks, waste water tanks, retaining walls, underground structures, dams, reservoirs, box culverts, diaphragm walls and etc.

ADVANTAGES

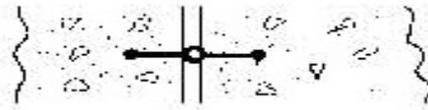
- Good elongation.
- Good tensile strength.
- Variety of profiles.
- Easy to install.
- Durability.

TECHNICAL PROPERTIES

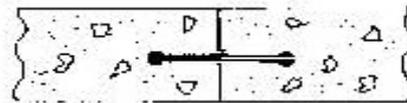
Material: natural rubber
 Color: black
 Specific Gravity: $>1.17 \pm 0.03$
 Hardness Shore A: 65 ± 5
 Tensile Strength: $>300 \text{ kg/cm}^2$
 Ultimate Elongation: $>500\%$
 Compression set less than 30%
 (at 22 hours, 70°C degree)
 Water absorption: 0.8%
 (at 7days, at 70°C degree)
 Tensile strength of Joint $>250 \text{ kg/cm}^2$

Note: for other polymers waterstop properties, please consult Rockmax Technical Services for more information.

Dumbbell type with Centerbulb



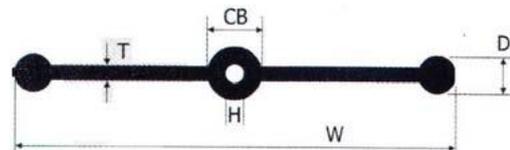
Dumbbell type



TYPICAL PROFILE



Model	W(mm)	T(mm)	D(mm)
5D-6	153	5	15
5D-8	203	5	15
5D-10	254	5	15
9D-6	153	9.5	20
9D-8	203	9.5	20
9D-9	254	9.5	25



Model	W(mm)	T(mm)	D(mm)	CB(mm)	H(mm)
5D-6	153	5	15	20	10
5D-8	203	5	15	20	10
5D-9	254	5	15	20	10
9D-6	153	9.5	20	30	12
9D-8	203	9.5	20	30	12
9D-10	254	9.5	25	38	20

PROCEDURE COLD JOINING OF RUBBER WATERSTOP

1. Cut waterstop ends straight and true using sharp knife or saw blade.
2. Clean and roughen the ends of the waterstop using abrasive paper and or wire brush 100mm from the end. Drill the hole for insert steel bolts.
3. Clean the roughen surfaces using the clean cloth and water. Allow to dry.
4. Apply a thin coat of adhesive to all surfaces, as the adhesive becomes tacky insert the end of the waterstop into the fitting. Be sure

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- to insert to the full depth of the fitting and hand press together.
5. Clamp all bonded areas using the steel bolts in to the holes and let set for 2 hours.
 6. Do not pull the bonded area for at least 24 hours.
 7. Bonds will reach maximum strength in approximately 14 days.

VIETNAM

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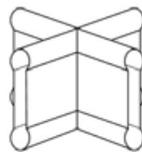
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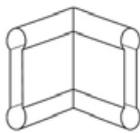
TYPICAL FITTING



Vertical "T"



Vertical Cross



Vertical Ell



Union

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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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.

PACKAGING

20meter 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.

PRECAUTIONS

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