

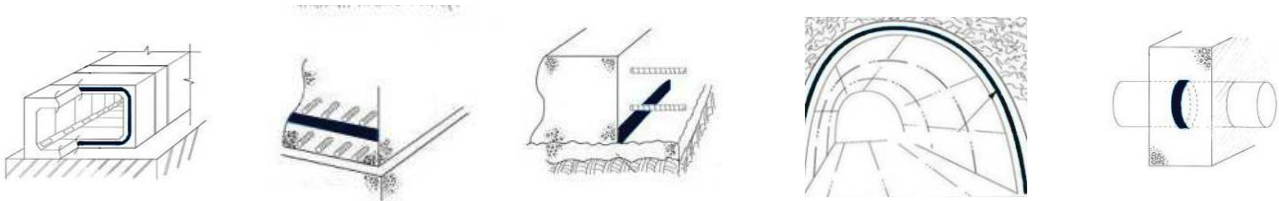
ROCKMAX SWELLING 101

HYDROPHILIC SWELLING WATERSTOP

GENERAL INSTALLATION

INTRODUCTION

Rockmax Swelling 101 is a hydrophilic swelling waterstop. The based material is bentonite clay with polymer rubber. The product swells when contact with water create more than 300% expansion. The release benonite fill void between the two portion of concrete joint.



TOOLS & EQUIPMENTS (GENERAL)

- 1) Hammer
- 2) Nail
- 3) Wire Brush
- 4) Clean small bucket



PREPARATION

Concrete joint substrate must be clean, free from oil, grease, mould oil, dust and other loose particles. Ensure there is no crack on concrete surface. Damaged concrete must be repair prior to install **Rockmax Swelling 101**. The loose cement paste must be remove using wire brush. The joint surface must be dry and no standing water.



APPLICATION

Lay the waterstop along the joint on the center of joint. Ensure that covering between joint edge and waterstop must be at least 80 millimeter.



Press **Rockmax Swelling 101** firmly on the concrete surface. Use nail to fix the waterstop in position. The spacing between nail is approximate 30 to 40 centimeter. Make sure profile is attached to the concrete surface.



To connect the waterstp use butt joint and press firmly together. Do not overlap joining. Pour concrete and vibration carefully.

CLEANING

Clean all tools and equipments immediately with water.

APPLICATION & INSTALLATION



PROTECTION

In case of rain during the installation. Stop install waterstop immediately and cover the waterstop by plastic sheet.

STORAGE

Storage **Rockmax Swelling 101** in shade and dry condition. Avoid from water, moisture, high temperature and direct sun light.