

ESC INTERLOCK SEALANT

SPECIFICATION

Introduction

The ESC-DPS-500 is a hydrophilic polyurethane interlock sealant specially designed for sheet pile interlocks. It has a high expansion coefficient with over 500% volume increase

Properties

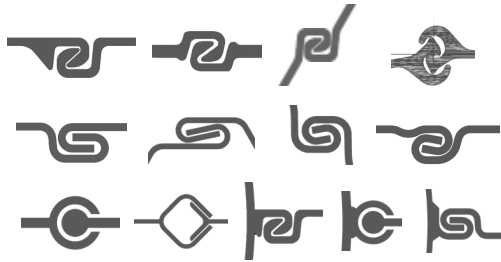
Appearance	Light-Yellow/Red
Viscosity	5,000±2,000cPS at 25°C
Solid Percentage	85±2%
Solvent Composition	Xylene, Ethyl Acetate
Tensile Strength	>10kgf/cm
Elongation	>450%
Curing Time	24 hours
Swelling Ratio	400% at 2 days immersion at room temperature

Features

- One component system making it easy to handle and apply
- Light-weight and good adhesion ideal for all interlocks even in narrow spaces
- Able to apply in any weather
- Retains its original form despite repeated expansion

Interlock Compatibility

The ESC-DPS-500 interlock sealant is suitable for all ESC sheet pile interlocks. It is also ideal for other sheet piles.

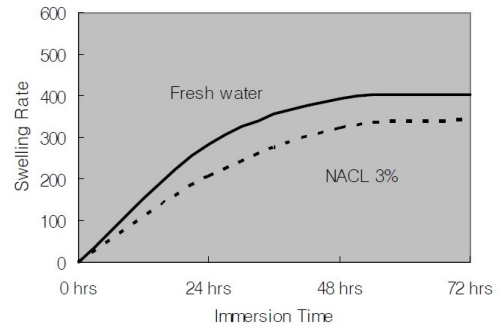


Installation Instructions

A full guide can be provided on the application and best practices for obtaining a water-tight interlock by contacting ESC.



Expansion Graph



Product Photos



Get in Touch:

T +852 3956 1868
E engineering@escpile.com
W www.escpile.com
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Revision 1, Q4 2016



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