

INTERLOCK/CLUTCH SEALANT

SPECIFICATION

Introduction

The ESC-DPS-500 is a hydrophilic polyurethane interlock specially designed for sheet pile interlocks. It has a high expansion coefficient with over 400% volume increase.

Properties

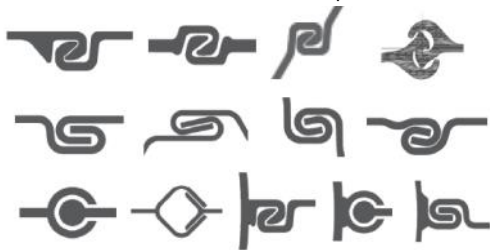
Appearance	Light-Yellow/Red
Viscosity	5,000±2,000cPS at 25°C
Solid Percentage	85±2%
Solvent Composition	Xylene, Ethyl Acetate
Tensile Strength	>10kgf/cm
Elongation	>450%
Curing Time	24 hours
Swelling Ratio	400% at 2 days immersion at room temperature

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

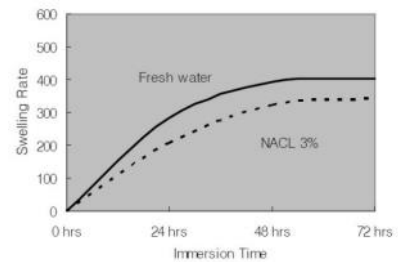
The ESC-DPS-500 interlock sealant is suitable for all ESC sheet pile interlocks. It is also ideal for other sheet piles.



Installation Guidelines

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
 GLOBAL PILING SOLUTIONS

ESC App available now
 Scan QR Code or search for "ESC Group" or click on the links below



Revision 2, Q3 2018



Disclaimer The information provided within this datasheet is for general information purposes only, without any warranty. ESC shall not be held responsible for any errors, omissions or misuse of any of the information provided. ESC disclaims any and all liability resulting from the ability or inability to use the information within this document. Anyone using the information contained does so at their own risk. ESC shall not be held liable for any damages which includes any financial losses or incidental or consequential damages arising from the use of this information. The product range contained is liable to change without notice.