Selection Guide

Texel Turbitex

Turbidity barrier

List of decision-making criteria to guide the selection of an appropriate turbidity curtain and accessories.

<table>
<tr><th colspan="3">Selection criteria</th><th>Curtain type to select according to your project criteria</th><th>Skirt type</th><th>Anchoring type</th><th>Accessoires</th></tr>
<tr><td colspan="7">Hydraulic, Climatic and Commercial Conditions</td></tr>
<tr><td>Basic criterion for determining the curtain type</td><td>Velocity (ft/s)</td><td>A lake normally has a velocity of 1 ft/s or less.</td><td>1 pi/s : Turbitex 1</td><td>T (Woven)
NTR (Reinforced Nonwoven)
CW (Coated woven (waterproof))</td><td>Standard anchors
Concrete blocks are commonly used in low-velocity conditions</td><td rowspan="9">Anchors, marine buoys

Towing Bridle

Oil Absorbent Socks</td></tr>
<tr><td rowspan="4">Specific criteria added to the basic criterion as forces acting on the curtain</td><td rowspan="4">High winds
Waves
Tides
Marine traffic</td><td rowspan="4">A higher-performance curtain may be required if one or more of these additional criteria are present</td><td rowspan="2">3 pi/s : Turbitex 3</td><td>T (Woven)</td><td rowspan="4">Additional anchoring Recommended to accommodate project constraints when velocity is important or when specific criteria are present.</td></tr>
<tr><td>PVC 18 (Impermeable 18 oz PVC)</td></tr>
<tr><td rowspan="2">5 pi/s : Turbitex 5</td><td>T (Woven)</td></tr>
<tr><td>CW (Impermeable coated woven fabric)</td></tr>
<tr><td colspan="3">To improve curtain visibility and prevent damage, lighted buoys may be required</td></tr>
<tr><td colspan="7">Environmental Considerations</td></tr>
<tr><td>Potential presence of hydrocarbons</td><td>Yes</td><td colspan="3" rowspan="2">Provide absorbent booms
An impermeable curtain may be required</td><td rowspan="2">Straps for securing absorbent booms to Turbitex curtains</td></tr>
<tr><td>Work in contaminated soils</td><td>Yes</td></tr>
<tr><td>Work near a water intake or spawning ground</td><td>Yes</td><td colspan="3">Double curtains may be necessary for additional safety</td><td>Provide independent anchoring for each curtain</td></tr>
<tr><td colspan="3">Project Dimensions</td><td></td><td></td><td></td></tr>
<tr><td colspan="3">Standard curtain length: 15 m</td><td colspan="3">For more than one length, slide connectors are included to join curtains end-to-end</td><td>Slide connectors available</td></tr>
<tr><td colspan="3">Standard heights: 1.2 m - 2.3 m - 3.3 m - 3.8 m - 5.8 m</td><td colspan="3">Provide a minimum 300 mm (12 in) clearance between the curtain and the bottom of the waterbody</td><td>Custom curtain sizes available</td></tr>
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Revision : 2026-10-30

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