

# Umat – Seabed Mattress System

## SB Umat – Subsea Seabed Support Blanket

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The **SB Umat**, Subsea Seabed Support Blanket, is part of the Umat Seabed Mattress System that includes a number of different type and size, single or multi segment, high strength, seabed support mattresses that suit a wide range of subsea applications and / or conditions, including soft seabed.



### Construction

- Made from tear and wear resistant high strength three layer laminated polypropylene fabric.
- Fabric material permit penetration of water, not sand and silt.
- 20mm galvanised wire, or alternatively a 5cm diameter sand filled hose / fabric cylinder, is integrated in the blanket side pockets for unfolding and weight purposes.
- Additional longitudinal or transvers pockets that include wires or hoses can be incorporated in the blanket for weight / positioning purposes.
- Other wire or hose dimensions can be provided on request (e.g. for increased weight).
- Multiple blankets can be combined in order to make a larger / longer blanket.

#### Dimensions / Weight:

SB - Umat Configuration	Length (m)	Width (m)	Height (m) Wire / Hose	Dry Wgt. (kg) Wire / Hose	Seawater Wgt. (kg) Wire / Hose
Small	3.6	2.0	0.03 / 0,06	29 / 45	18 / 22
Large	6.0	3.5	0.03 / 0,06	70 / 86	41 / 38

Other widths, lengths, and configurations is available on request.

### Application & Features

- Seabed blanket intended for rock dump support, sandbags support, to cover soft / 'loose' seabed areas or potential scour areas. Will also cover potential snag points in conjunction with subsea operations (e.g. snagging of wires, ROV umbilical, jumpers etc.). Will also provide support for lightweight jumpers and flying leads.
- Provides debris protection / ingress prevention for equipment during subsea intervention / work over / drilling operations.
- Will also protect structures and items from wear and erosion resulting from current and sand flow along the seabed (e.g. ropes on concrete mattresses).
- Eliminates seabed suction effects.
- Delivered rolled up with integrated ROV lifting, positioning and unfolding arrangement (see picture). Arrangement includes lifting handles, securing straps and corner fists for final seabed positioning.
- One or several can be deployed in Ubas G ROV basket or similar. If deployed individually an Ubag ballast rigging arrangement can be provided.
- For extra seabed securement, Ubag weights can be provided.
- Re-useable after recovery.
- Delivered wrapped in plastic placed on a purpose made pallet for fork-lift handling. In case of export, the wood material will be ISMP 15 certified/stamped.



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