

## Envirobed HA104 vs Polyester Resin: Product Comparison

### Envirobed HA104



#### Characteristics:

- Cement based material
- Achieves rapid strength and early trafficking
- Conforms to HA104/02, Mortars for Bedding Ironwork
- Can be used in temperatures from 1°C to 35°C
- Can be used in wet weather conditions

#### Environmental:

- User friendly, non-hazardous to users
- Non-hazardous to the environment
- Contains recycled materials
- Packaging made from recycled materials
- No special waste disposal requirements

#### Waste:

- No special disposal of packaging requirements

#### Operative Health and Safety:

- Cement-based product so only best practice and normal PPE required

#### Raw Materials Price Sensitivity:

- Price stable

### Polyester Resin

#### Characteristics:

- Polyester resin based material
- Achieves rapid strength and early trafficking
- Conforms to HA104/02, Mortars for Bedding Ironwork
- Can be used in temperatures from 0°C to 35°C
- Should only be used in dry conditions
- Non-sustainable raw material base

#### Environmental:

- Residue and packaging requires the need for specialist hazardous waste disposal, such as incineration at high temperatures

#### Waste:

- Hazardous waste disposal costs £2,500 per tonne therefore on average there will be cost of 70p per tin for disposal

#### Operative Health and Safety:

- Resin-based product. Special care must be taken when using this product as it can cause health problems through incorrect use and non-use of the appropriate PPE.

#### Raw Materials Price Sensitivity:

- Styrene-based material, by-product of the oil industry—sensitive to oil price changes