



Asset Identification Solutions

KISS[®] Self-Adhesive

Installation Procedure

AQUASIGN

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KISS[®] Installation

1. Planning

Work Area

It is necessary to plan the fixing of Aquasign[®] subsea markers to ensure their compatibility with other stages work, e.g. painting.

Ensure access can be gained to the installation area and that the required surface preparation can be performed properly. A flat work surface is essential to the adhesive application process. A table/work station would be required at each work area

Ensure risk of damage to Aquasign[®] markers from other fabrication yard activities is minimised.

Marker

ONLY A BIOHESIVE[®] BEAD IS REQUIRED WITH KISS[®] MARKERS

KISS[®] markers will be supplied with a brown fabric backing material and sufficient tape based on the marker size



Vinyl protective covers will be in place over the front of the marker. These should remain in place during the installation process to avoid surface contamination.



Adhesive

**ONLY A BIOHESIVE BEAD IS REQUIRED WITH KISS MARKERS –
Do not use AQUHESIVE for this application**

Biohesive[®] has a maximum shelf life of 24 months. Always check the expiry date prior to application. Do not use past expiry date.

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2. Equipment

a) Installation

The picture below shows the recommended equipment that should be used during installation.



Surface Preparation	Surface Cleaning Wipe Marking Pen
Adhesive Handling	Cartridge gun
Fixing	Hard face roller

b) PPE – Personal Protective Equipment

GOGGLES

Wear suitable approved chemical safety goggles when eye exposure is reasonably probable



GLOVES

Wear suitable protective gloves if there is a risk of skin contact



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3. Substrate Guide

KISS[®] & Biohesive[®] have been extensively tested on various substrates; the use of a primer may be required –always check compatibility prior to application.

Compatible substrates include:

- Coated / Painted Steel (Epoxy, Epoxy Coal Tar, Glass Flake, PVC)
- Bare Steel
- Aluminium
- Plastics

4. Preparation



Clean Area

Wipe the installation area with clean wipes provided.



Protective Cover

Do not remove the vinyl protective cover. This should be kept in place throughout the installation process to keep the marker surface clean.



Mask Area

Masking tape can be used to mark out area for a neater application.



Adhesive Preparation

1. Insert cartridge into application gun provided
2. Remove the cartridge tip
3. Cut the dispensing nozzle to a desired size (5mm recommended)

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5. Installation

Check fixing location is correct, as once fitted, Aquasign[®] markers are very difficult to remove.

All steps in installation process **MUST** be completed consecutively and markers **MUST** not be left without the Biohesive[®] 225 seal being applied.

PEEL



Remove backing tape from the back of the marker.

STICK



Affix Marker
Lower the marker into position



Roller Flat
Using supplied roller, roll sign on to surface going with direction of the tape.

SEAL



Marker Sealing Bead
Immediately apply a complete bead to the edge of the Aquasign[®].



Smooth Out
Using the flat edge of the bio-bead tool provided, smooth the adhesive around the marker to create a water-tight seal ensuring no gaps

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6. Protective Covers

a) Aquasign[®] Altus[™]

The fluorescent pigments used in our Aquasign[®] Altus[™] markers are susceptible to fading when exposed to direct sunlight. It is therefore essential that the protective covers supplied with the markers are installed immediately and are only removed prior to deployment.



b) Aquasign[®] Solis[®]

Aquasign-Solis[®] markers however contain stable signal yellow pigments that will not fade. The protective covers supplied with our Aquasign[®] Solis[®] markers are to keep the markers clean as opposed to protective from fading. These can therefore be removed at any time prior to deployment although it is recommended that these remain in place until the markers have been affixed to the substrate.

Protective cover options available:

Yellow film - protects the surface of the marker from

UV light, which causes fading. This protective cover has a slight tack and will stick to the face of the marker.

Black PVC – As well as protecting against UV light it protects against dust, grit, weld splatter and mechanical damage.

The plastic cover is to be secured in place using the duct tape provided.



7. Company & Contact Details

If you have any further questions regarding the installation of your subsea markers please contact us direct either by telephone or email: -

Email: info@aquasign.com

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