

**ENVIROPEEL**  
THERMOPLASTIC SYSTEMS  
EQUIPMENT DATA SHEET

The Enviropeel Zone 2 Unit is certified by DNV for the application of Enviropeel in hazardous environments. It is available in two variants - CA18 and CA30. The CA30 is available with one or two pumps and hoses. The units are supplied with a removeable hose box and DNV-certified lifting eyes.



## CA18 ZONE 2 APPLICATION UNIT

- ① Gas Detector
- ② Emergency Stop
- ③ ATEX Power Connector
- ④ KPC 12 Material Pump (Air Powered)
- ⑤ Heating Tank
- ⑥ Air Pressure Controls
- ⑦ Hose Manifold, Clamp & Cable Connectors
- ⑧ Explosion-proof Electrics
- ⑨ Tool Drawer
- ⑩ Removeable Hose Storage Compartment



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|--------------------------------|--------------------------------|
| ① Behind Detector End Door     | ⑥ Compressed Air Controls      |
| ② Explosion-Proof Electrics    | ⑦ Up and Over Door             |
| ③ Microprocessor Control Panel | ⑧ Material Pump                |
| ④ IP 67 Microprocessor Box     | ⑨ High/Low Air Pressure Switch |
| ⑤ Application Head             | ⑩ Heating Tank Lid             |

The Enviropeel Zone 2 Unit is supplied as standard with a 10metre (33 ft) hose and application head

The unit is DNV-certified for use in Zone 2 areas with automatic monitoring and isolation of electrical supply through the built-in gas detector. Temperatures within the unit are input through the control panel and monitored by the microprocessor using multiple sensors in the tank and hose. The unit has an emergency manual isolation stop control and over-temperature protection. All electrics are housed in ATEX-certified explosion-proof boxes.

### Compressed Air

The unit requires 7-10 bar of clean pneumatic air. Compressed air powers the material pump and is supplied to the application head for spray pattern control.

### Electrical Power Supply

The Enviropeel Base Units are supplied either according to the US or Euro power requirements:

US Power Specifications: 220VAC, 50-60Hz, 32 Amps, 3-phase and Earth connections, 4-core wire.

Euro Power Specifications: 415VAC, 50-60Hz, 32 Amps, 3-phase, Neutral and Earth connections, 5-core wire.

The CA Series of Enviropeel application units is manufactured under license from Enviropeel Holdings LLC, Indianapolis, USA, [www.enviropeel-holdings.usa](http://www.enviropeel-holdings.usa), and is available from:

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