



ENVIRONMENTAL TECHNOLOGY

## Superior AESSEAL® product and service seals the deal

A company in Ireland specializing in the production of innovative coats, paints, and specialty materials requested the assistance of AESSEAL Ireland to repurpose a stainless steel Chemineer™ GTN agitator and wet double seal to accommodate a new product.

The aim was to convert the seal arrangement to a dry running seal type with supporting gas panel. The existing system was not fit for purpose, and the company had decided to replace the system and seal with dry running nitrogen technology in order to avoid liquid contamination. The company turned to AESSEAL® in search of the expertise and engineering advice required to help redesign the application.

AESSEAL® recommended the installation of its SCMS-DDB™ double seal dry contacting - gas barrier mixer seal. SCMS™ mixer seals are specifically designed for use on a broad range of mixers, agitators and reactor applications. They are suitable for side entry (flooded) or top entry (running in vapour) mounting. The modular SCMS™ design is available in both wet and dry running versions.

As well as the quality and suitability of its product AESSEAL® was able to offer a complete and tailored solution with a significantly shorter lead time than any of its competitors. AESSEAL® also provided local support from its sales and technical team, and onsite support for installation, commissioning and sales/account management.

The new system was installed in April 2024 and has been working for more than nine months without a problem. The design has proved to be a more compact, efficient and cost-effective solution than anything offered by the competition. The success of the upgrade has resulted in AESSEAL® Ireland being awarded a contract to upgrade an additional three agitators and to supply four additional GAS-10P3™ gas panels to support existing seal arrangements onsite.



## ‘Tailored solution with significantly shorter lead time’

Industry: Chemical  
Product: SCMS-DDB™ and GAS-10P3™  
Application: Solvent Agitation  
Reference N.O: TD3110380



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