Release Notes:
Coatings Data Module for GRANTA MI

January 2019 Release

The **Coatings** data module contains more than 140 different coatings used in the aerospace and defense industries, including metallic-ceramic, sealants, thermal spray, corrosion inhibitors, metal-flake, and many more. Each coating record contains specific data on performance, applications, processing limitations, and purpose, as well as general information related to its chemistry, density, and typical thickness. This is designed for screening, selection and like-to-like comparisons of coatings.

The data is developed and updated by [Rowan Technology Group](#) and [Granta Design Ltd](#).

What's new in this release?

This latest release of **Coatings** enables the dataset to be accessed within GRANTA MI as a stand-alone data module (in addition to [MI:Restricted Substances](#) and [CES Selector](#) software).

New predefined searches based on substrate, coating, and replacement have been added to the homepage.

The following enhancements have been implemented to improve the user experience when searching for coatings based on substrate, coating chemistry, and coating process:

- 'Substrates' attribute has been updated to include more granularity on the type of compatible substrate (e.g. Al alloy, rather than Metal alloy).

- 'Coating Chemistry' attribute has been updated to a discrete attribute, making it easier to identify and screen coatings based on chemistry.

- New 'Coating type' attribute, categorizes coatings based on their generic type (e.g. conversion treatment, thermal spraying, painting, etc).

- 'Deposition process' updated to provide more granularity on application process (e.g. anodize, cold spraying, liquid spray, etc).

How can accessing or installing this release help you?

- The attributes in this data set are normalized, meaning that each coating can be compared with each other coating on the same basis with the Granta software — in either metric or US customary units.

- Access this data alongside your company's in-house materials data and other Granta reference databases.

System requirements

This release of the **Coatings** data module is compatible with GRANTA MI Version 11 and later.

For detailed system requirements and instructions on installing the database, see the installation documentation for your GRANTA MI release.

Further information and contact details

Additional information about this data module is available on the Granta Design website here: https://www.grantadesign.com/products/data/coatings.htm

If you have further questions, contact us: www.grantadesign.com/contact/