



THREE COATINGS FOR TRIPLE LIFETIME

PARAMETER:

Alloy: AISi7Mg
 Temperature: 720°C
 Process: Low Pressure Die Casting

ALUMINIUM WHEEL

FOUNDRY:

Founded in 1970, BBS in Schiltach (Germany) is a leading manufacturer of light alloy wheels for both accessories and original equipment.

FOSECO PRODUCTS

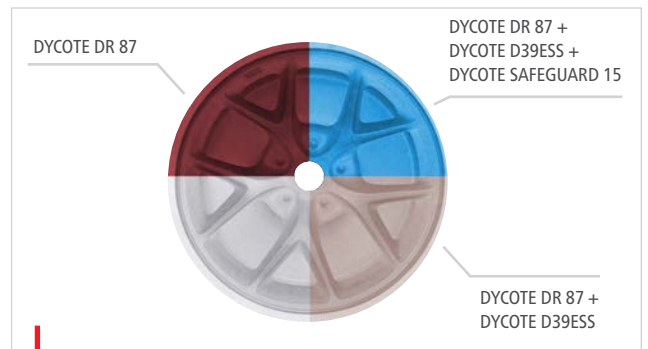
- DYCOTE* DR 87
- DYCOTE D39ESS
- DYCOTE SAFEGUARD 15
- DYCOTE SPRAYGUN

KEY BENEFITS

- Excellent surface quality
- Extended service life
- Increased productivity



Example of an aluminium wheel



Coated die with DYCOTE



THE CHALLENGE

For the production of aluminium wheels for the automotive industry, the service life of the die coating and the surface quality of the visible parts of the wheel are essential. A poor service life leads to interruptions in the casting process and increased rejects due to poor surface quality.



OUR SOLUTION

DYCOTE D39ESS is the best in class coating for the visible areas of an Aluminium wheel. The application of DYCOTE SAFEGUARD 15 extends the service life up to 300%. The DYCOTE SPRAYGUN helps operators to apply the coatings on the die both for first preparation and touch up.



THE OUTCOME

By the use of the DYCOTE products the service life of the coating was extended significantly. The surface quality of the wheel meets the requirements over the whole process. The DYCOTE SPRAYGUN provides an excellent distribution of the coating.

COMMENT: Editorial policy is to highlight the latest Foseco products and technical developments. However, because of their newness, some developments may not be immediately available in your area. Your local sales organisation will be pleased to advise. No part of this publication may be reproduced, stored in a retrieval system of any nature or transmitted in any form or by any means, including photocopying and recording, without the written permission of the copyright holder. © Foseco International Ltd., 2019 *FOSECO and DYCOTE are trade marks of the Vesuvius Group, registered in certain countries, used under licence.