

Case Study

Armourcote® 1530 restores non-stick properties and extends the life span of Warburtons' production machinery



Warburtons



Warburtons has been baking bread since 1876 and is the largest family-owned bakery business in the UK.

THE CHALLENGE

Surface release is a core challenge for Warburtons. With equipment across the company's 12 UK bakeries producing more than 2 million baked products a day, consistently efficient stainless steel dough hoppers and divider hoppers is essential.

Over time dough hoppers and divider hoppers lose their non-stick properties, resulting in in-efficient, slower and more costly production as machines require more frequent cleaning for increasingly long periods as dough sticks to the machine's surface.

Warburtons required a coating with proven non-stick properties that met food safety standards and would provide long-lasting protection for its production machinery.

THE SOLUTION

Surface Technology's range of coatings, proven expertise and geographic coverage meant they were the best option for Warburtons.

Armourcote® 1530, a coating researched and developed by Surface Technology, stood out as the best coating for Warburtons' requirements.

Reinforced with a flame applied stainless steel matrix, Armourcote® 1530 enhances stainless steel surfaces with low level friction characteristics whilst also protecting against surface wear.

This resulted in the surfaces of Warburtons' dough hoppers being restored to provide the same level of surface to when they were brand new.

THE RESULT

- The life span of the dough and divider hoppers has been extended
- Efficient production - new coating has prevented dough sticking and aided cleaning
- Downtime minimised - Surface Technology's capacity, locality and flexible production capability has shrunk the production downtime
- Proven coating and application – Warburtons knew they could trust Surface Technology to provide the best coating solution and apply it to their hoppers within the required timeframe

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We have always been very impressed with the technical confidence displayed by Surface Technology and they have always provided us with excellent commercial feedback and competitive prices.

Steve Moor, Chief Engineer, Warburtons