

GREEN DEAL IN GRINDING?

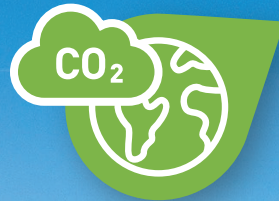
Sustainability as integral part of innovation development.

2.5 kg_{eq}* CO₂

per 1 kg of
machined material

38A60L8VS3

-47%



1.31 kg_{eq}* CO₂

per 1 kg of
machined material

QUANTUM
PRIME

* equivalent amount of CO₂ emissions

OUR MISSION

- Decarbonizing the Industry
- Carbon neutrality latest in 2050 within Saint-Gobain Group
- We contribute to the global effort to fight climate change
- We develop and implement sustainable high performance solutions

This will help to improve individual and collective wellbeing to live together while preserving the planet for future generations.



SUSTAINABLE PRODUCT DEVELOPMENT

Through optimization and consistent further development of our grinding solutions, we are already achieving a significant reduction in CO₂ emissions over the entire product life cycle of the abrasive:

- Reduced cycle times thanks to optimized grain micro-structure
- Improved wheel life and more parts per dress
- Improved productivity, resulting in a reduction of energy consumption
- Avoidance of synthetic pore-forming ingredients



SAINT-GOBAIN
**GRINDING TECHNOLOGY
CENTRE EUROPE**

THE PLACE FOR DEVELOPMENT, INNOVATION AND SUSTAINABILITY

CUSTOMER PROJECTS

- Product suitability test
- Process development
- Business development support
- Sustainability impact estimations

PRODUCT PROJECTS

- Product development
- Reducing CO₂ emissions
- Application recommendation
- Process development

TECHNICAL TRAINING

- Grinding Basics
- Dressing and its influence on grinding
- Cutting Tools grinding
- Off hand grinding

MODERN MACHINERY

- Various grinding applications
- Danobat LG-600-810
- Walter Helitronic Power 400
- Blohm Profimat MT408



GRINDING TECHNOLOGY CENTRE EUROPE

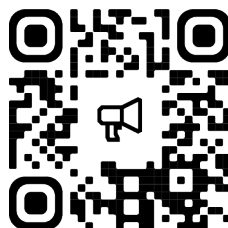
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Norton Winter ist eine eingetragene Marke von Saint-Gobain.
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