Product Presentation

ecopacc™
Collapsible Cartridge

Collapsible, sustainable and high-performing 2-component packaging
Adhesive applications gain substantially more importance in today’s business environment

- Composite materials in automotive, naval, aeronautic renewable energy
- New technologies and processes in bonding, sealing, coating, a.s.o.
- Focus on protecting (damp, UV, temperature) in building and construction industry

Beside the positive effects on the business this trend also leads to …

- More packaging waste
- Negative ecological footprint
- Higher disposal costs
- Additional warehousing
- Increased transportation costs
“JAPANESE GOVERNMENT LOOKS TO SLASH PLASTIC WASTE CONSUMPTION WITH NEW STRATEGY

The subcommittee of the Central Environment Council in Japan is beginning discussions regarding a new strategy to tackle the problem of plastic waste, with the council said to be anticipating having numerical goals by year end.

Environment Minister Masaharu Nakagawa stated, “To lead the world in tackling the plastic waste issue, I expect the panel to compile an effective strategy…”

Further Examples around the globe:

GERMANY → Deposit on PET bottles implemented in 2003/2006

CALIFORNIA → Penalties/fines on rigid plastic packagings, restrictions on bidding for civil projects
SULZER engineered the next generation of functional packaging.

ecopaCC™ a collapsible, sustainable and high-performing 2-component packaging.
Providing a green solution without sacrificing quality or performance.

Mitigates industrial carbon footprints and supports sustainability initiatives.

Remarkable cost savings throughout the whole value chain:
  - Less transportation volume
  - Less warehouse storage
  - Less plastic waste

Compatible with a broad variety of existing mixing tips and dispensers.
Most prominent feature of ecopaCC™ lies in its collapsible structure.

The new packaging can be collapsed up to 85% compared to a rigid cartridge.
Remarkable cost savings throughout the whole value chain.

- Less transportation volume
- Less warehouse storage
- Less plastic waste
KEY FEATURES

High-tech multilayer film

- 100% leak proof
- Proprietary over-molding injection technology
- Enhanced barrier properties
- Improved shelf life
Front or back filling

Most savings can be achieved by filling ecopaCC™ from the front as the empty cartridges can be shipped, distributed and stored in a collapsed and hence less space consuming way.

Due to the side by side outlet geometry the system perfectly fits for front filling which is also the preferred filling method.
Reusable support sleeve

The rigid support sleeve with integrated pistons can be reused. What’s left for disposal after complete usage is the collapsed ecopaCC™ packaging.

Reusable support sleeve:
- with integrated pistons
- made of robust materials
- customizable to your needs
MIXPAC™ - a holistic system approach

ecopaCC™ is compatible with:
- standard QUADRO™ mixer portfolio
- broad variety of existing dispensers

Therefore, end users can benefit from ecopaCC™ immediately, without the need to invest in new equipment.
Waste Management

Used ecopaCC™ cartridges allow to reduce plastic packaging waste up to 75% compared to conventional, rigid products.

- 75% less weight
- 75% less waste
- 75% less costs for disposal

Please join us and help reducing plastic waste.
Collapsible Cartridge

- Environmental friendly
- High Performance
- Less costs throughout the value chain
- Fully compatible
This presentation may contain forward-looking statements, including but not limited to, projections of financial developments, market activities or future performance of products and solutions, containing risks and uncertainties. These forward-looking statements are subject to change based on known or unknown risks and various other factors, which could cause the actual results or performance to differ materially from the statements made herein.
THANK YOU