





The patented, chemical-free SPRAY TECHNOLOGY FOR CANISTER ADHESIVES. Only naturally-occurring atmospheric gases used as a blowing agent

EVOLUTION

OF DRIVING CHANGE

A brief timeline following the history of canister adhesives and the blowing agents that make them operate

BEFORE CANISTERS

Before the introduction of canister adhesives, roof systems relied on attachment through mechanical fasteners or roller/trowel applied adhesives. These labor intensive installations were prone to inconsistency, and compromised roof performance.

1990'

By the late 1990's canisters were using HFC (hydrofluorocarbon) as the blowing agent - this came with high GWP and a high impact on greenhouse gas emissions. Improper handling of the canister or exposure to the blowing agent could have a negative affect on user health. The impact of canisters on the industry was groundbreaking though, and supported the ease of adhesive application in a less time-consuming way.

MID 2010's

Tightening regulations saw blowing agents transition to HFO (hydrofluoroolefin) - without compromising on performance, HFO has a lower GWP than HFC. In addition HFOs have better environmental, and safety standard compliance.

2025 &

BEYOND

H.B. Fuller

ECO₂ Driven Technology was developed using a proprietary blend of naturallyoccurring atmospheric gases as a blowing agent. It features low GWP, high sustainability, and is safer for the end user, along with enhanced application consistency.

THE PATH TO A **BETTER FUTURE**

Why is ECO₂ Driven Technology important, and what are the benefits of adopting this innovation?

VOC and GWP reduction regulations are still developing and evolving, which means ECO₂ Driven Technology is a leader in this space, developed in anticipation of the regulations to come. ECO₂ Driven is a proactive approach to eco-consciousness, which can save you considerable money, time, and effort by skipping intermediate changes that will eventually become obsolete or outside of regulatory requirements.

Drive eco-responsible change by looking for the ECO₂ DRIVEN logo

> PATENT NUMBER US 11,999,556

ECO

DRIVE



THE FACTS ABOUT

THE BENEFITS

- · Portable and easy to transport
- · Faster application with consistent results
- Reduction in waste; components can be recycled
- Assist in compliance with modern
 VOC regulations
- · Improve worker productivity and safety
- Provide more even coverage and higher efficiency, reducing material waste
- Canisters offer a no/low-mess, quick application process compared to manual tools

UPFRONT CHALLENGES

- Higher upfront cost (although, application equipment is included)
- Must be stored properly
- Training helps get optimal usage

HOW TO GET THE MOST OUT OF YOUR CANISTERS

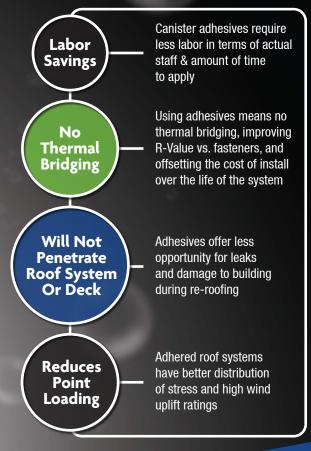
- Store upright in a cool, dry place
- · Clean nozzles regularly to prevent clogs
- · Follow disposal instructions precisely

DISPOSAL STEPS

- Ensure canisters are depressurized before opening the knock out disc
- · Recycle components where available
- Follow local guidelines for hazardous material disposal

SUSTAINABILITY BENEFITS

When using adhesives in place of mechanical fasteners



TO LEARN MORE about ECO₂ Driven Technology

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