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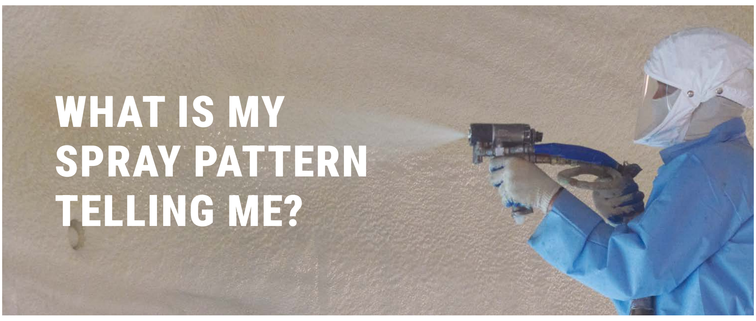
WHAT IS MY SPRAY PATTERN TELLING ME?



Analyze the spray pattern to diagnose and correct pressure imbalances.

Round and evenly shaped

- Round and full circle
- Uniform thickness
- Evenly shaped spray pattern

DIAGNOSIS

- Good spray pattern
- Pressure in balance
- Temperature in balance

Uneven distribution

- Looks like 'fire hose'
- Tends to spatter & splash surface
- Uneven foam distribution

DIAGNOSIS

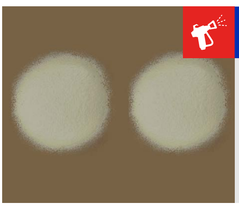
- Undesired spray pattern
- Temperature too low

Hollow center

- Looks like 'doughnut'
- Hollow center
- Raised portion on outer perimeter
- Still provides full spray pattern

DIAGNOSIS

- Undesired spray pattern
- Temperature slightly too high



Two patterns

- Two separate spray patterns

DIAGNOSIS

- Undesired spray pattern
- Temperature too high on hose heat or primary heater

Uneven shape

- Uneven circle
- Uneven distribution of foam

DIAGNOSIS

- Dirty ports in mixing module
- Too much air on air cap
- Build-up of foam on air cap/spray tip

Dark, crusty, flat foam

- Dark, coffee-colored
- Crusty and brittle
- Foam not rising up

DIAGNOSIS

- Lack of resin (part B)
- Only isocyanate (part A) comes out
- Low resin gauge indicates resin starvation
- High resin gauge indicates resin restriction

White, fluffy, soft foam

- White and fluffy
- Soft and sticky
- Foam not rising up

DIAGNOSIS

- Lack of isocyanate (part A)
- Only resin (part B) comes out
- Low iso gauge indicates iso starvation
- High iso gauge indicates iso restriction

Learn how to solve the issues on
WWW.GRACO.COM/REACTORSUPPORT

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