

**Amit Malhotra** 

#### **World leader**

#### Soudal is the nr 1 independent foam manufacturer in the world

- Production of > 100 million cans in 2012
- 4 production units (Belgium, Poland, China, Slovenia,)
- All technologies and all sizes

#### Soudal is the nr 3 sealants manufacturer in the world

- Production of > 175 million units in 2012
- 9 production units (Belgium, Germany, Poland, USA, Chile, Singapore, China &India,trkey)
- All technologies and all sizes





#### **Production India**

- Investment of 50 Cr. in Bawal (Haryana 100km South of Delhi)
- Production started in June 2012

















# Expert in Sealants, Adhesives & Foams

Weather Protection

Air & Dust Tight

**UV Protection** 

Water Proof
Sound Proof



Acoustic Insulation

Thermal Insulation

**Energy Saving** 

Sustainable

Durable

## **Example (uPVC window)**

#### Construction site

- Sealing uPVC windows
- Acetic cure 'GP' silicone has been used
- Use a Neutral Silicone to avoid adhesion failure NO SUSTAINABLE SOLUTION







# **Perfect finishing**





# **Perfect finishing**



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## **D&W** package



#### **Our Valued Customers**



















And many more...



## Silirub PS

Sealing between frame (uPVC) and wall or frame & glass











#### **Condensation and mould**

Thermal bridges could also mean moisture problems!

- Cold surfaces on inside of the window joint
- Condensation; first mould is formed within 5 days







## Condensation and mould



## **Condensation and mould**





## **Properties of PU-Foams**

- Most popular material to seal windows & doors
- Easy & clean application
- Excellent thermal and acoustic insulation

#### → CONTRIBUTE ON SAVING ENERGY & HEAT/COLD PROTECTION

- Excellent adhesion on most common materials and between different materials (except PP, PE, teflon) with strong bonding characteristics extra fixation of the window
- Excellent filling capacities, expands to 40 times its original volume
- Environmentally friendly (CFC-free) propellant gas





## **Window Frame Installation**





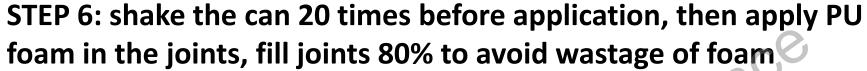














Keep the can always upright during the application. If can is almost empty it will be difficult to extrude the foam if the can is not kept upright



STEP 7: VERY IMPORTANT – always clean the top of the gun after application with the Gun & Foam cleaner.





#### STEP 8: When the PU foam can is not empty and your job is over for the day, then:

- Clean the top of gun (step 7)
- Close the gun at back (black screw)
- Store the can with gun upright.
- Re-use the foam within 4-6 weeks.
- Store the can with gun in below 35° C and out of direct sunlight







STEP 10: before applying the silicone or acrylic sealant, make sure there is enough depth for the sealant (min. 5mm), if required push the foam deeper into the joint with your finger















## Wooden door frame installation

Conventional Method





Modern Method



#### PU foam vs. Conventional

- Up to 3 times faster installation
- Easy & clean
- Acoustic & thermal insulation properties
- Economical











# THANK YOU FOR YOUR ATTENTION

FOR MORE INQUIRIES YOU CAN ALWAYS CONTACT:

McCoy Soudal..

