

# SAFE-PUR

**NEWLY DEVELOPED PUR INSULATING  
FOAM WITH HIGHLY IMPROVED  
PASSIVE FIRE SAFETY.**

**INSULATION WITH MUCH SAFER BEHAVIOUR IN CASE OF FIRE**





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YouTube intro

# SAFE-PUR

is a new type of Polyurethane insulation foam with highly improved fire safety, increased durability, and superior weathering resistance to be used in indoor and outdoor applications.

The concept of SAFE-PUR is to provide higher performance, sustainability, and safety to the construction market by using bioPUR as single thermal, acoustic, and moisture barrier material, thus avoiding difficult-to-recycle multilayer materials used nowadays in the construction market, being SAFE-PUR a promising foam that can be used as in conventional PUR products (spray, injection, sheet, panel, etc).



SAFE-PUR foams can be sprayed, injected and used as sheets or sandwich panels for insulation purposes, being optimal for insulating roofs, walls and floating floors, especially for extreme climate areas where small thickness is required having a broad range of working temperatures (-40 to +70°C). The targeted market for SAFE-PUR foams is the residential segment, mainly for energy renovation and insulation, as well as impermeabilization in renovation activities.

Our goal is to revert the domination of mineral-based insulation systems towards a greener product by using bio-PUR (biobased PUR). This material is a strong competitor in the future scenario, where energy performance, safety and sustainability are the most important drivers for the insulation market in the coming years.

# KEY ADVANTAGES



## SAFE-PUR

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- Lower flammability (-50%)
- Slower fire propagation (-20%)
- Reduced smoke emission (-70%)
- Decreased fume toxicity (-90%)
- Extended shelflife (>60 years)
- Indoor and outdoor applications
- Up to 70-80% biobased
- Easy to separate & recycle





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