



ELASTOSPRAY® LWP: The New Generation of Eco-Friendly Spray Foam Insulation.

Constructing Tomorrow

Outstanding insulation, a contribution to energy
efficiency and climate protection.

 **BASF**

We create chemistry

A DEFENSE AGAINST CLIMATE CHANGE AND ITS CONSEQUENCES.

THE NEW GENERATION OF ECO-FRIENDLY SPRAY FOAMS.

Climate change ranks among the biggest challenges of our time. And combating it is a task that can only be tackled with collective efforts. This is where government, society, science, and industry are equally called upon to support reductions in greenhouse emissions and a more sustainable use of resources.

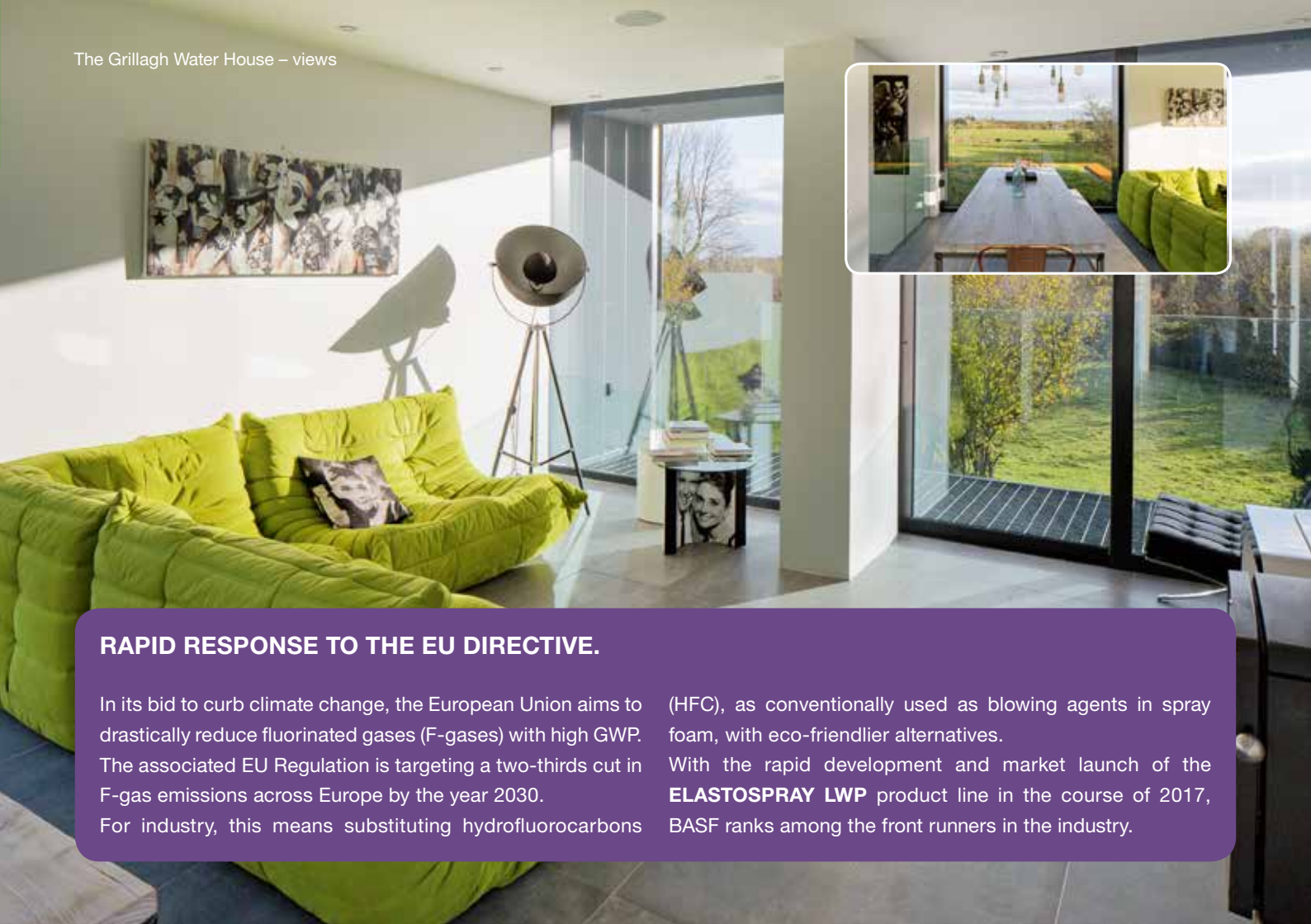
BASF is conscious of its responsibility and wishes to maximize its contribution. We are therefore investing our traditionally strong innovative capability not only in improving the performance of our products, but also in enhancing their environmental profile. The latest outcome of these endeavors in the spray foam insulation sector is the development of a new generation of spray foams that sets new standards of environmental compatibility.

The **ELASTOSPRAY LWP*** product line is free of ingredients that contribute to global warming due to the greenhouse effect or that deplete the ozone layer.

BASF OFFERS SUPERLATIVE INSULATION PERFORMANCE WITH THE BEST-POSSIBLE PROTECTION FOR THE ENVIRONMENT.

Cover image: Constructed out of shipping containers, the Grillagh Water House in County Derry, Northern Ireland, has been insulated with **ELASTOSPRAY**

*Low Warming Potential



RAPID RESPONSE TO THE EU DIRECTIVE.

In its bid to curb climate change, the European Union aims to drastically reduce fluorinated gases (F-gases) with high GWP. The associated EU Regulation is targeting a two-thirds cut in F-gas emissions across Europe by the year 2030. For industry, this means substituting hydrofluorocarbons

(HFC), as conventionally used as blowing agents in spray foam, with eco-friendlier alternatives. With the rapid development and market launch of the **ELASTOSPRAY LWP** product line in the course of 2017, BASF ranks among the front runners in the industry.

PERFORMING STRONGLY FOR EFFICIENT CONSTRUCTION.

The **ELASTOSPRAY LWP** systems are the consistent further development of BASF's proven spray foams. In addition to improving environmental compatibility, they deliver the accustomed superlative insulation, particularly thanks to their closed-cell structure. In residential or commercial buildings, new or renovated, **ELASTOSPRAY LWP** is an assurance of comfort and an outstanding interior climate.

Its excellent product properties make **ELASTOSPRAY LWP** the prime choice for all applications demanding speedy, simple, cost-effective, and sustainable construction methods.



- ✓ Low thermal conductivity due to closed-cell structure
- ✓ Air-tight
- ✓ Insulation without thermal bridges
- ✓ Water-tight
- ✓ Good mechanical properties
- ✓ High compressive strength
- ✓ Appropriate water vapour permeability
- ✓ GWP less than 5



✓ Extremely low Global Warming Potential (GWP)

✓ No Ozone Depletion Potential (ODP)

FIND OUT MORE:



BASF Polyurethanes
Performance Materials Construction
Europe
www.polyurethanes.basf.com

Constructing Tomorrow

ELASTOSPRAY® LWP: The innovation for efficient
and sustainable insulation.

 **BASF**

We create chemistry