



# DOMAINE VINCENT PINARD WINERY

BUÉ, CHER, FRANCE



Known as one of the leading wine producing regions of France, the commune of Bué in the Loire Valley is one of the few communes able to produce Sancerre wines. One winery has taken the innovative step to insulate their wine cellars with spray foam insulation aligning with its own environmental policy.

The commune of Bué in the famed Loire Valley wine-making region is one of the few that is able to make *appellation d'origine contrôlée* (AOC) Sancerre wine. Roughly two hours south of Paris and only 40 minutes from the city of Bourges, the area is the epicentre of dry Sauvignon Blanc and full-bodied Pinot Noir wine.

One local vintner, Domaine Vincent Pinard, one of the oldest and most renowned in the region, became attracted to preserving their cellars with spray foam insulation to better regulate the temperatures needed for the wine-making process.

#### The Project

The winery chose Icynene spray foam insulation since the organization closely aligned with its own philosophy. The winery practices a stringent environmentally friendly policy using organic and biological harvesting methods. The choice of spray foam insulation and its energy efficient offering fit in perfectly.

In October 2012, Icynene spray foam contractor Bruno Gimel of *Durabilis Isolation* worked alongside local Sancerre architect Patrice Lacour to ensure that the Domaine Vincent Pinard wine cellars could indeed be insulated with spray foam insulation. Their top priority



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was to ensure the development of the wine was not affected by the inclusion of the spray foam.

Durabilis Isolation consulted Vect'Oeur, the Wine and Environment Research and Expertise Center, to conduct a series of tests and analysis to determine how the installation of spray foam insulation affected the wine making process, if at all. Following extensive testing and analysis, the researchers at Vect'Oeur determined that the inclusion of spray foam insulation in the wine cellars did not adversely affect the wine. The positive result paved the way for the Durabilis Isolation to apply the modern insulation material in wineries such as Domaine Vincent Pinard across France including the winery in Bué.

**Protecting the Wine**

The Durabilis Isolation spray foam team installed around 382m<sup>2</sup> (4,111 sq. ft) of open cell, light density spray foam insulation in the cellar roof space achieving an R-Value of 6.05 and a further 143m<sup>2</sup> (1,539 sq. ft.) of open-cell spray foam in the cellar walls for an R-value of 2.63.

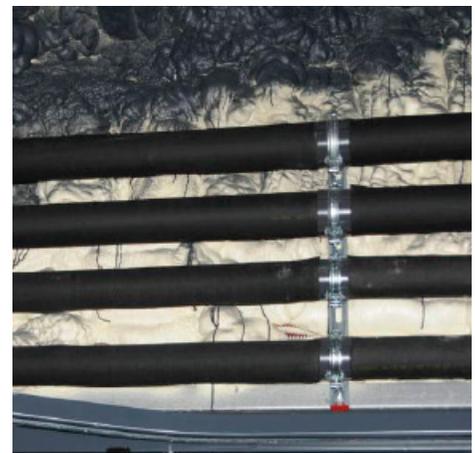
The inclusion of the open-cell light density Icynene

Classic Plus™ spray foam insulation was ideal for use in the cellars since insulates the space to maintain the correct temperatures for the wine. Furthermore, the spray foam insulation protects the wine from outside particles that can potentially impact the taste of the wine as it ages.

In some areas of the cellar, the spray foam insulation was coated with black paint to help create a dark and dry, almost cave-like space to further help protect the wine and its aging process.

**The Result**

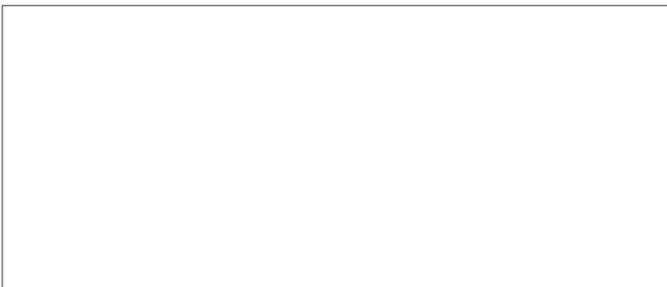
As a result of the spray foam application, Domaine Vincent Pinard in Bué continues to produce brilliant Sancerre wines and has married insulation innovation with the latest innovations in wine production. Licensed Icynene spray foam contractor Durabilis Isolation is able to assist other forward-thinking wineries within the Loire Valley to consider protecting their assets with spray foam insulation while continuing to produce some of the finest wines in the world.



**Footnotes:**

1. Icynene Inc. would like to thank Icynene contractor, Durabilis Isolation for their assistance with this document. Photographs supplied by Durabilis Isolation.

For further information, contact your local licensed Icynene dealer.



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