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SATISFYING DIRECTIVE 6 AND DEALING WITH DELIVERY AND LIABILITY

AWDI, LLC is please to have the opportunity to participate in the requirements of Directive 6 in helping the more than 1200 window and door manufacturing companies comply either in whole or part with the Installation Requirements for availability of Installation Instructions.

AWDI definitely agrees with the individual suggestion and recommendations as to the content that needs to be made available as described:

1. List of hardware and tools needed
2. Diagram & description of products and parts
3. General guidance on removing old products and preparing opening (diagram optional)
 - Lead paint hazard should be mentioned
4. Flashing details or refer to flashing manufacturers instructions –diagram required
5. Shimming details (diagram optional)
6. Sealing and weather proofing details (diagram optional)
7. Variations of above based on product options

To that end, more than 36 individual sections have been placed on the WIXSYS portal website (www.wixsys.com/beta2.html) to enable anyone who wants to affiliate with this site, or use the Wixsys library in their own effort, will have all the elements needed for compliance.

Perhaps more importantly, they will be able to dispense the proper installation practices which should enable installers and contractors to properly place their window products in service, and to enable specifying entities such as architects, engineers, building officials, and others to understand the role of the building and window/door in concert to improve energy efficiency.

Comments from others have shown concerns about liability, and delivery. AWDI has endeavored to make the WIXSYS effort not only enable participants to comply but to implement a system that can mitigate liability and facilitate delivery.

LIABILITY

While the Uniform Commercial Code, state laws and other governing codes and considerations have linked responsibility of the installation to the providers of window and door products, it is agreed there is a certain amount of concern about delivering instructions without control. AWDI has dealt with this problem since its inception.

In response, AWDI operated an Insurance Backed Warranty Program for window installation (Insurantee) modeled after a British government mandated initiative where, instead of assigning liability for what might be bad, it assigns responsibility and offers knowledge to prevent it. It is about avoiding problems, rather than fixing them. This program, backed by Lloyds of London and AIG

insurance was the first workmanship warranty program ever insured in the U.S., and was successful (no claims in 7 years) due to the process.

AWDI intends to make use of this control process with WIXSYS through a combination of performance-based instructions and a “hold-harmless” system borrowing on tried and true Insurantee and iTunes models.

The simple model is an iTunes model where the agreement is made between the downloader of the instructions and WIXSYS and/or Manufacturer regarding the conditions that must be accepted for the access to the information and the responsibilities of the two parties. It is agreed to, and each subsequent download is also confirmed to be governed by the same terms and conditions. Each user will be identified as to their roles (builder vs. installer vs. architect, etc.) and the subsequent agreement will be tailored to them. The agreement will also consider the concerns of the individual manufacturers or AWDI will assume the role of provider.

We will be using Silanis e-sign signature technologies for seamless integration of enforceable electronic commitment that is both secure and friendly. The Silanis Corporation, in adapting their system, will be providing the technology and backend infrastructure similar to what they provide to the US government, major banks and insurance companies for all their secure, simple, and enforceable online exchanges and signed agreements.

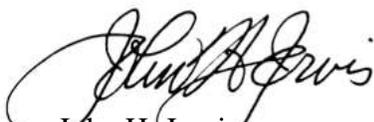
The offshoot of this capability will be the availability of general all the way to very specific market data. Every conceivable *who, what when* and *where* can be made available to anyone who participates to help keep track of use, and to make the necessary changes going forward, as we learn more about how WIXSYS is being used and ways in which it can be made better and more responsive.

DELIVERY SYSTEM

Directive 6 wants each manufacturer to deliver the instructions to each window/door user. This is best accomplished, as we have recommended before, through the use of scan codes and web portal information affixed teach window. Some companies (notably Andersen and JELD-WEN) already use the QR code to link to basic instructional videos.

The technology can link the user to basic instructions, or be custom designed (as are bar codes already in use in most factories) to identify the window, style, color, etc. and to identify where it is being made available and so forth. Coupled with the on-line collection of data, a complete picture can be collected of the window from manufacture through to the house or building where it is installed. This can help service issues and performance records. In short, we can provide a more complete history of how the Energy Star initiative envisioned in Directive 6 is working in the field.

WIXSYS.com is live in a beta form. AWDI is working with select manufacturers, extruders, and others to shape the final product better, and we welcome participation, suggestions and comments from all in the industry. It will only be successful if it fulfills the needs of those it is designed to serve.



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