

## USES OF WATER-STOP IN SHOWER WATERPROOFING AND APPROVED INSTALLATION METHODS:

To our valued customers:

This document is certification that the use of WATER-STOP as a shower and pan liner meets the requirements of standards and codes as required by **ANSI A108.01 in section 3.6, Requirements for plumbing: preparation by other trades**, in reference to shower floors.

WATER-STOP complies with **Section 421, SHOWERS**, of the International Plumbing Code and **Section P2709, SHOWERS RECEPTORS** of the International Residential Code.

The WATER-STOP membrane meets **ANSI A118.10** requirements (Listing Certificate; IAPMO File 9205) and therefore complies with section 421.5.2.5 as required in section **421.5.2, Shower Lining**, of the **IPC** and in section **P2709.2, Lining required**, of the **IRC**.

Regarding installation methods, we rely on TCNA as the main regulatory authority for tile installation.

The MEMBRANE SELECTION GUIDE of the TCNA Handbook specifies that waterproofing membranes meeting ANSI A118.10 "are available for use with both vertical and horizontal thin-set and thick-bed installation of tile". The terms thick-bed installation and mortar bed installation are synonymous.

The TCNA Handbook specifies in Field and Installation Requirements - WET AREA GUIDELINES section that "Acceptable shower pan membrane materials are listed in **ANSI A108.01 Section 3.6**". According to this standard, waterproofing membranes include "Factory manufactured, sheet membranes" (**Section 3.6.2.1.2**)

On this basis, the installation of the WATER-STOP membrane as a shower and pan liner with mortar bed as a tile installation method is approved.

### Normative References:

IPC: International Plumbing Code

IRC: International Residential Code

ANSI A108.01, ANSI A118.10, TCNA Handbook; IAPMO Listed Product File Number 9205

