



## TECHNICAL BULLETIN NO. 4

**PRODUCT:** XFLAM® INSULATION

**OCTOBER 2015**

**SITUATION:** CHARACTERISATION OF FLAMMABILITY

**APPLICATION:** CLASSIFICATION OF MATERIALS IN THE AUSTRALIAN BUILDING CODE

**ISSUE:** AS/NZS1530.3 - 1999 Simultaneous determination of ignitability, flame propagation, heat release and smoke release. Materials may be broadly classified by this standard for use assessing their suitability for construction.

**BACKGROUND:** This standard is used to provide some classification for combustible and partially combustible building materials. It is however a small scale test and not scalable to a real fire situation.

<b>IGNITABILITY INDEX</b>	0	<b>RANGE</b>	0 to 20
<b>SPREAD OF FLAME INDEX</b>	0	<b>RANGE</b>	0 to 10
<b>HEAT EVOLVED INDEX</b>	0	<b>RANGE</b>	0 to 10
<b>SMOKE DEVELOPED INDEX</b>	1	<b>RANGE</b>	0 to 10

Approval

Technical Manager  
XFLAM Pty Ltd

References:  
Warrington Fire Research Report WFRA 499216A Dec 2005