Abstract

As building applications have diversified, China's fiber cement industry has expanded from conventional wall and roofing materials to products offering decorative, sound-absorbing and hygienic functions. This variety of products and uses has also driven the continuous development of standards. China has established a framework comprising terminology, common test methods, product standards, and sampling and inspection documents. Together, these provide a common technical basis while setting requirements for different products and applications. This paper introduces the scale of the industry, export trade and product development, then outlines the structure of China's fiber cement standards framework and recent standardization work. Particular attention is given to the separate standards for fiber cement flat sheets and fiber-reinforced calcium silicate boards, and to the role of functional boards and durability requirements in standards development. Contributions from manufacturers, research institutes, universities and testing organizations support the development and continual improvement of these standards. China's experience offers international colleagues a

basis for understanding Chinese products, comparing technical approaches and strengthening cooperation in standardisation.