

## **“Flooring the Casco Way”**

*Kim Puay, 3.7.2006*

Parquet is still the most preferred flooring installed in homes because wood's beauty is natural and it is a durable material. When consumers recognize the attributes in wood, they look for quality issues in the product that includes the bonding quality, environmental friendliness and others.

With common passion for quality, Casco Adhesives and their customers formed a longstanding partnership seeking continuous improvement in the bonding quality. Our common goal is to deliver security in the end product. Casco Adhesives not only provides quality assurance in our adhesive products, we also take a step further to provide support in the factories to ensure performance consistency in the gluing operation.

Casco is been of one the major adhesive suppliers in the parquet industry. We supply to many major parquet producers globally. To maintain our market position, we cooperate with the parquet industry and act as an adhesive specialist for them. We strongly focus on research and development in adhesive systems, application equipment and technical support.

Backed by our extensive network, our customers not only benefit from prompt technical service from local service centres at close proximity, they also improve their products from technical advices by our global experts.

As part of our routine customer programs, we provide local laboratory services to support quality checks on the end-products. To add on the level of quality security, we also conduct random sampling on the end-products with external laboratories. With such rigid quality checks, we aim to provide reliable quality performance and sustain the consumer's confidence in the product.

But the expanding parquet industry presents a great challenge for Casco Adhesives and our customers. We must meet the existing consumer demands while predicting new ones. As many regulating authorities step up their measures to protect the consumer interests, manufacturers have tougher conditions to comply in order to meet international standards like the American National Standard Institutes' norms (ANSI) and the Japanese Agricultural Standards (JAS).

With respect to gluing norms, today's most basic requirement is the Chisel Test. It is used for measuring mechanical delamination by chiselling. A more stringent norm is the American standard. It is a series of water-soaking and chamber-drying cycles according to the ANSI norms. The toughest norm will be the Japanese standard. It is a multiple series of water-soaking and chamber-drying cycles according to the JAS norm.

Other than gluing norms, the global trend for “green products” has also created tougher limits for formaldehyde emissions. In general, there are two common norms for formaldehyde emissions. One is the European chamber test norms with an upper limit of 0.1 ppm or 0.313 mg/m<sup>3</sup> formaldehyde. The other is the Japanese desiccator testing method with an upper limit of 0.4 mg formaldehyde per liter of water.

In order to stay on the leading edge of technical development, Casco Adhesives invested abundant resources on development and provides the market with the most advance gluing technology, machinery solutions, and service personel for dependable gluing results at the right time.

So the next time when you are choosing new parquet for your home, ask for one that made with Casco Adhesives, because you know we deliver security and quality in the product. We call this “Flooring the Casco way!”