

Case Study

In November of 1990 a vintage Enkasonic hardwood floor system was remodeled. The project was the historic Hermitage Condominiums on Russian Hill in San Francisco. New floor material was installed over the Enkasonic sound mat that had already been in place for over nine years.

Tested Material

At the time of the renovation Colbond (then Akzo Nobel) took samples of the older material to compare with Enkasonic from the current production. Two samples of new Enkasonic from inventory, as well as a sample of the original Enkasonic from the Hermitage, were tested. After providing service beneath the hardwood for almost a decade, Enkasonic proved its long term stability. The following comparative results were obtained.

General Properties

Enkasonic Sample	Strength	Elongation	Thickness
Sample A— New	365 lbs/ft	41%	0.378 in
Sample B— New	362 lbs/ft	48%	0.407 in
Sample C— 9 yrs	300 lbs/ft	40%	0.359 in
Retained %	83%	90%	91%

1. Results are an average of 5 specimens tested.
 2. Values are measured in machine direction

Compressibility

Enkasonic Sample	100 psf	300 psf	500 psf	1000 psf
Sample A— New	0.069 in	0.123 in	0.150 in	0.188 in
Sample B— New	0.065 in	0.117 in	0.145 in	0.189 in
Sample C— 9 yrs+	0.050	0.081 in	0.098 in	0.130 in
Retained %	75%	68%	66%	69%

3. Results are an average of 3 specimens tested.
 4. Values are measured in inches deflection at noted pressure in psf

Further Information

For additional information about the long term benefits Enkasonic can bring to your project, please contact Colbond 800 365-7391 or Maxxon Corporation 800 356-7887