

AN ACOUSTICAL FINISH CASE STUDY FROM INTERNATIONAL CELLULOSE



PROJECT	Brown University Providence, RI
ARCHITECT	Lerner Ladds Bartell Providence, RI
ACOUSTICAL CONSULTANT	Acentech Cambridge, MA
DETAILS	SonaKrete Arctic White 10,000 sq. ft. @ ½" Shrp. Refr.

Brown University, one of the oldest universities in the USA, originated as the College of Rhode Island in 1764 and ultimately becoming known as Brown University in 1804. The Sharp Refectory, affectionately known as the "Ratty" is arguably the social center of the campus, serving over 1,500 students per meal. The Ratty recently underwent major remodeling. At the time, acoustics were considered low on the priority list to enable completion of the renovations in the time frame allowed. As soon as 900+ students occupied the facility for a meal, it was very clear that something drastic had to be done to control the horrific noise problem. After considerable research, Architect Aimee Lombardo chose to specify LEED Certified, Arctic White SonaKrete

because of its attractive appearance, high GE 81 light reflectivity and high NRC performance. LLB commissioned the acoustic consulting firm of Acentech to determine the specified thickness of ½" to achieve a NRC of .65.

Upon completion, Aimee Lombardo said, "It was even smoother than I expected. What a difference it made. We are all impressed with SonaKrete and the ATI crew for their fine workmanship. We are definitely going to specify SonaKrete on future projects".

Consultant's quotes

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