

Swimming Pool Acoustics

Acoustic decorative ceiling finish controls noise reverberation



Harpurhey Leisure Centre, Manchester

The swimming pool acoustic **design calculations demonstrated** there would be a problem with speech audibility in the pool area due to high levels of **reverberation**. Instructors of swimming lessons would find teaching very difficult and the serious problem existed of misunderstanding the Public Address system announcements and instructions in the event of an emergency.

Oscar Acoustics was employed to apply 16mm of **SonaSpray K-13 Special** to the soffit in white. The installation was completed in one week. The swimming pool **acoustic environment** is reported as **excellent**, plus it has the additional benefit of condensation control.



Holmes Place Fitness
Centre Swimming Pool

Perfect Swimming pool acoustics

SonaSpray fc in white applied to a feature wave design ceiling is an ideal **sound absorber**. SonaSpray fc offers other useful features; it is spray-applied and covers the wave design ceiling with a joint free monolithic coating. SonaSpray fc helps to **reduce condensation** in the pool area when it is combined with appropriate ventilation. SonaSpray fc will provide the pool with a bright, attractive ceiling for years to come coupled with **perfect** swimming pool **acoustics**.



Superior acoustic control, a highly **light reflective** finish, the sound absorber with the ability to conform to any substrate configuration and an **attractive**, uniform texture make **SonaSpray fc** the **best ceiling finish** for new construction or renovation projects. Oscar Acoustics **range of finishes** offers the ideal ceiling treatment for most acoustic or thermal insulation requirements. Contact **Oscar Acoustics** for complete details on how SonaSpray can improve your swimming pool acoustics.

Condensation Control: For areas such as indoor pools and ice arenas, SonaSpray aids in condensation control and cold bridging. The correct combination of SonaSpray and ventilation prevents condensation on metal, concrete and other similar surfaces. SonaSpray actually reduces ventilation requirements, saving in both the ventilation equipment cost and operating costs.

RH Control: SonaSpray is a natural humidity moderator. At times of increasing humidity SonaSpray will absorb large amounts of water vapour. When the humidity drops SonaSpray will exhale water vapour and maintain a balance. This characteristic promotes a healthy atmosphere and superb swimming pool acoustics.

Article by D.Mack of Oscar Acoustics. For more advice on Acoustic Solutions and noise Insulation go to <http://www.oscar-acoustics.co.uk>