

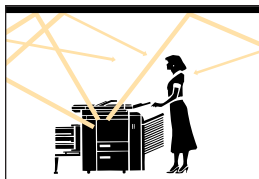
## **SOUNDSOAK Acoustical Wall Systems**

SOUNDSOAK Acoustical Wall Systems offer a beautifully functional way to add acoustical benefits to any room. It is convenient, cost-effective and available in stock sizes. The product complements the effectiveness of acoustical ceilings by helping to dampen noise traveling horizontally, creating quieter, more effective spaces.

### **The Leader in Acoustics Testing**

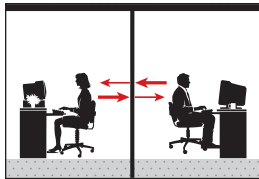
Central to Armstrong product development is unmatched acoustics testing. Independent testing and certification of acoustical and fire performance is undertaken by Factory Mutual Approvals, a service of FM Global, a world-wide leader in property insurance and risk management. Product conformity is monitored by periodic product audits and plant inspections. We test the following acoustical properties of SOUNDSOAK products:

#### **Noise Reduction Coefficient (NRC)**



A measure for rating the overall sound absorption of a material when used in an enclosed architectural space such as an office, where sound is reflected at many angles of incidence.

#### **Sound Transmission Class (STC)**



A measure for rating the performance of a wall system as a barrier to airborne sound transmission between adjacent closed spaces, such as offices. A wall system with an  $STC < 35$  is considered low performance, whereas one with an  $STC > 55$  is high performance.

