

# 12mm Technical Specifications Technical Specifications

## Impact Insulation Class (IIC)

Transmission of impact noise can be controlled by isolation. The ratings are greatly improved by using cork underlayment. The higher the IIC number the better the impact insulation:

## Sound Transmission Class (STC)

Measure of resistance of a building element such as a floor or wall to the passage of audible sounds. The higher the STC number the better the sound barrier:

## Impact Noise Rating (INR)

has since been replaced by the IIC class described above.

12mm Cork on 6" Concrete Slab	IIC	STC
Fixed rating of concrete slab .....	27	27
With 12mm underlayment .....	47	48
<b>Total</b>	<b>74</b>	<b>75</b>
12mm Cork on 6" Concrete Slab	IIC	STC
with Suspended Ceiling(approx)*.....	14	14
Fixed rating of concrete slab .....	27	27
With 12mm underlayment.....	47	48
<b>Total</b>	<b>88</b>	<b>89</b>

*\*Adding a suspended ceiling unit will increase the ratings significantly, generally on an average of 14db depending on unit type*

## LIMITED WARRANTY

*APC, Cork Inc. will replace any material proved defective with the maximum shelf life of on unused material of up to one (1) year. If our products are not found to conform to our high standards, notify APC Cork, Inc. immediately in writing. There is no other obligation expressed or implied, and we assume no liabilities for damages of any kind. Suitability of the product for an intended use shall be solely up to the user.*

*Acoustical Testing Provided By National Gypsum, Co, Buffalo, NY*

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