

## CorkDirect underlayment technical specifications

Description	Composition cork underlayment for commercial and residential applications.																																				
Sizes	Available in sheets and rolls of various sizes and thicknesses.																																				
Binder	Resin of Polyurethane																																				
Base	Composition cork granules sizes 1 - 3																																				
Density	11.7 lb/ft <sup>3</sup> - 12.5 lb/ft <sup>3</sup>																																				
Tensile strength	5 - 8 Kgs/cm <sup>2</sup>																																				
Recovery	75%																																				
Flexibility F5	Pass																																				
Disintegration	None after 3 hours immersion in boiling water.																																				
Thermal insulation	0.042 Kcal/m <sup>3</sup> h <sup>0</sup> C																																				
Acoustical ratings	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="3"></th> <th colspan="4">With Cork 6mm</th> </tr> <tr> <th colspan="2">Ceramic Finish</th> <th colspan="2">Wood Finish</th> </tr> <tr> <th>STC</th> <th>IIC</th> <th>STC</th> <th>IIC</th> </tr> </thead> <tbody> <tr> <td>Concrete Slab 8"</td> <td>58</td> <td>60</td> <td>56</td> <td>62</td> </tr> <tr> <td>Concrete Slab 6"</td> <td>53</td> <td>58</td> <td>54</td> <td>59</td> </tr> <tr> <td>Concrete Slab 4" and Steel Deck</td> <td>60</td> <td>64</td> <td>60</td> <td>65</td> </tr> <tr> <td>Wood Joist Construction</td> <td>54</td> <td>59</td> <td>54</td> <td>60</td> </tr> </tbody> </table>					With Cork 6mm				Ceramic Finish		Wood Finish		STC	IIC	STC	IIC	Concrete Slab 8"	58	60	56	62	Concrete Slab 6"	53	58	54	59	Concrete Slab 4" and Steel Deck	60	64	60	65	Wood Joist Construction	54	59	54	60
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Fire behavior	The underlayment is a fire inhibitor which neither spreads flame nor releases toxic gases on combustion.																																				
Dimensional tolerance	Length & Width: +/- 0.5mm		Thickness: +/- 0.2mm																																		
Additional information	<a href="mailto:techinfo@corkdirect.com">techinfo@corkdirect.com</a> (800) 344-CORK (2675)																																				