The <i>Armstr</i> vapour pre barrier), su of its surro the Armstr exceeded a	ong Limit of 62. ssure of all expo ch as tears, saliv unding atmosph ong Limit begin at the surface.	62 millibars is osed liquids (b va and the liqui neric pressure. ns at about 19	the lowest the human body can survive before the ut not liquids like blood within your skin's pressure d wetting the alveoli within the lungs exceeds tha They will begin to boil away at this point. On Earth km above the surface. On Mars, it is already wel
Pressure	Respirator	EVA Suit	Description
68 mb	Needed	Needed	These buildings are attractive because they are economical and very light to pack, requir- ing fabric only 0.2 mm in thickness. For plants, they are fine since plants require only 50 mb of pressure. But for humans, they need at least 170 mb to be able to live.
170 mb	Needed	Unneeded	These buildings cost a little bit more, but you can work in them without wearing a pressure suit. You still need to wear a respirator in order for the gas exchange taking place in your lungs to still work, otherwise you will quickly pass out.
340 mb	Unneeded	Unneeded	These buildings cost a little bit more, but you can work in them without wearing a pressure suit or respirator, although the O ₂ partial pres- sure levels still need to be enriched. The other main advantage is that the pressure can also be equalized with a habitat making movement easier. As an added bonus, bees can polinate better at this pressure coupled with the lower gravity which makes it excellent for green- houses.
1 bar	Unneeded	Unneeded	These buildings cost the most, but they offer at least the same pressure as on Earth. Since everything needs to be three times as heavy as it needs to be, it is a waste of resources, too costly, and unnecessary.
Table	e 4.1 Martian b	ouilding pressu	ire ratings.