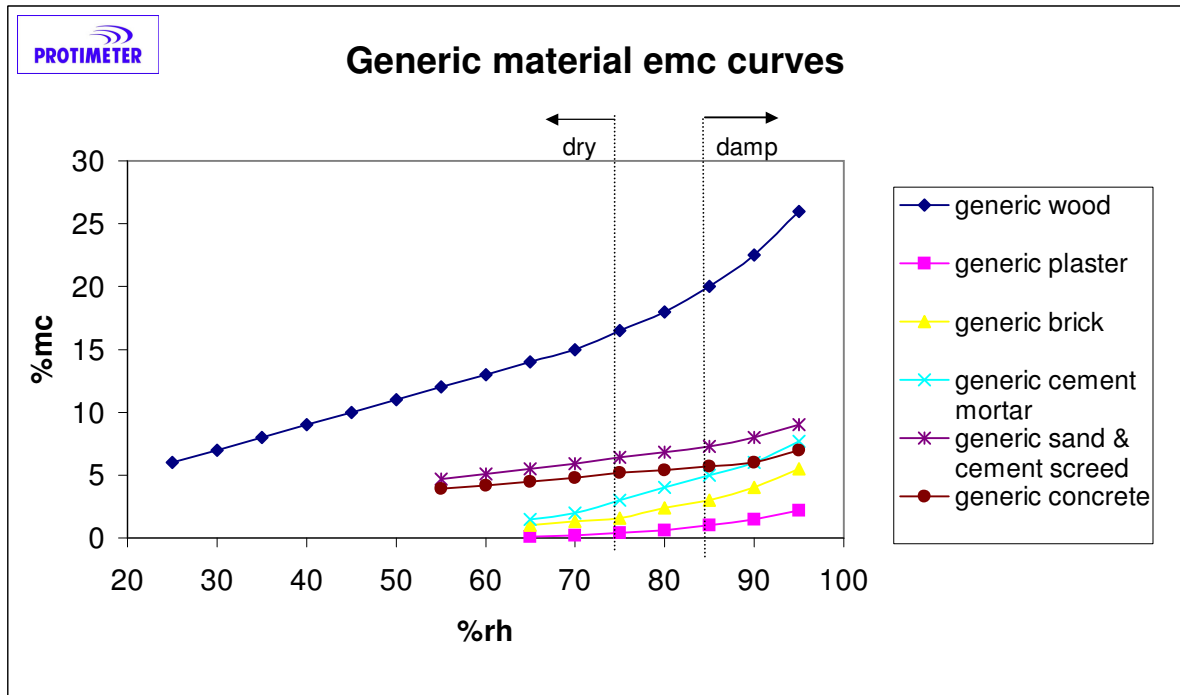


Equilibrium moisture content - %mc guidance values								
Environment or material condition	%rh	generic wood	generic plaster	generic brick	generic cement mortar	generic sand & cement screed	generic concrete	Protimeter WME
safe air dry	25	6						6
	30	7						7
	35	8						8
	40	9						9
	45	10						10
	50	11						11
	55	12					4.7	3.9
at risk	60	13				5.1	4.2	13
	65	14	0.1	1.0	1.5	5.5	4.5	14
at risk	70	15	0.2	1.3	2.0	5.9	4.8	15
	75	17	0.4	1.6	3.0	6.4	5.2	17
damp	80	18	0.6	2.4	4.0	6.8	5.4	18
	85	20	1.0	3.0	5.0	7.3	5.7	20
	90	23	1.5	4.0	6.0	8.0	6.0	23
	95	26	2.2	5.5	7.7	9.0	7.0	26
	100							27
								28
								relative
								relative
								relative
								100



Protimeter WME - wood moisture equivalent. This is the theoretical %mc value that would be attained by a piece of wood in contact with and in moisture equilibrium with the material under test. Protimeter WME measurements can be used directly to establish if non-conductive materials are in a dry, at risk or damp condition as the critical %mc thresholds for wood are known.



emc - equilibrium moisture content
 %mc - % moisture content
 %rh - % relative humidity

The given emc values are for guidance only. Precise emc curves are material specific; if required, they should be generated under laboratory conditions by the interested party.