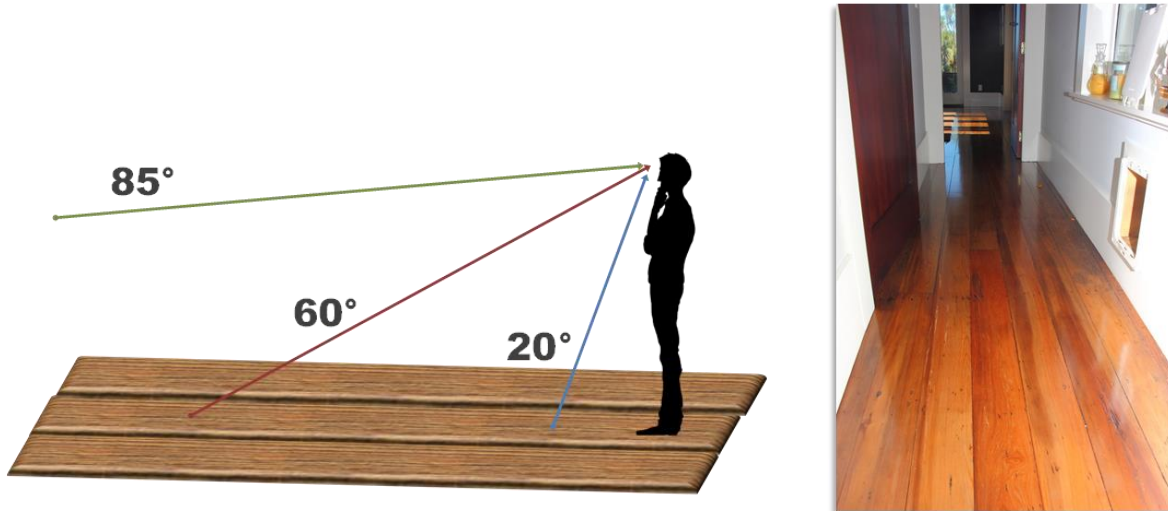


Gloss Levels & Charts

The appearance of surfaces such as timber floors vary greatly depending on the angle they are viewed at. This is especially noteworthy in areas such as hallways where side sheen is evident.

Coatings such as paints and polyurethanes are typically measured at three (3) different angles, that being 20, 60 and 85° to represent different fields of view (as demonstrated in the below picture).



Typical gloss of coatings is quoted at the 60° angle however the 85° angle is also good to know, as it helps to indicate side sheen affect, especially relevant for long hallways (as in the photo example above).

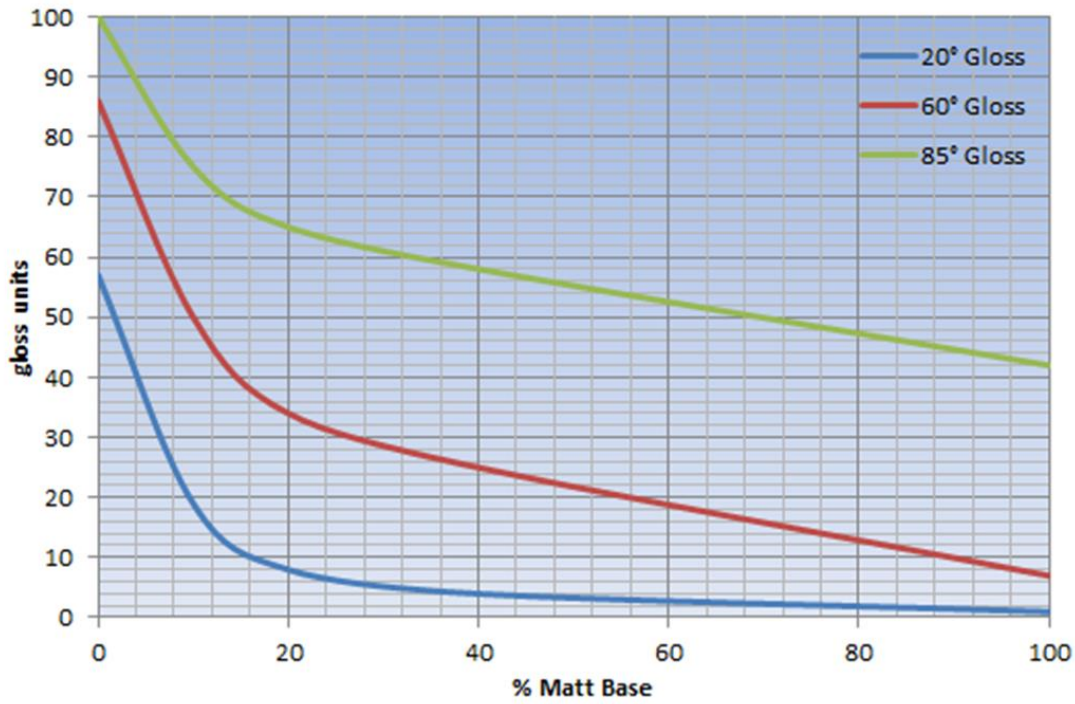
Typical coating appearance and gloss when viewed directly at your feet when standing is represented by the 20° angle.

Gloss measured on samples of Australian Oak (aka Victorian Ash / Tasmanian Oak) with 3 coats of ProSelect applied and cured.

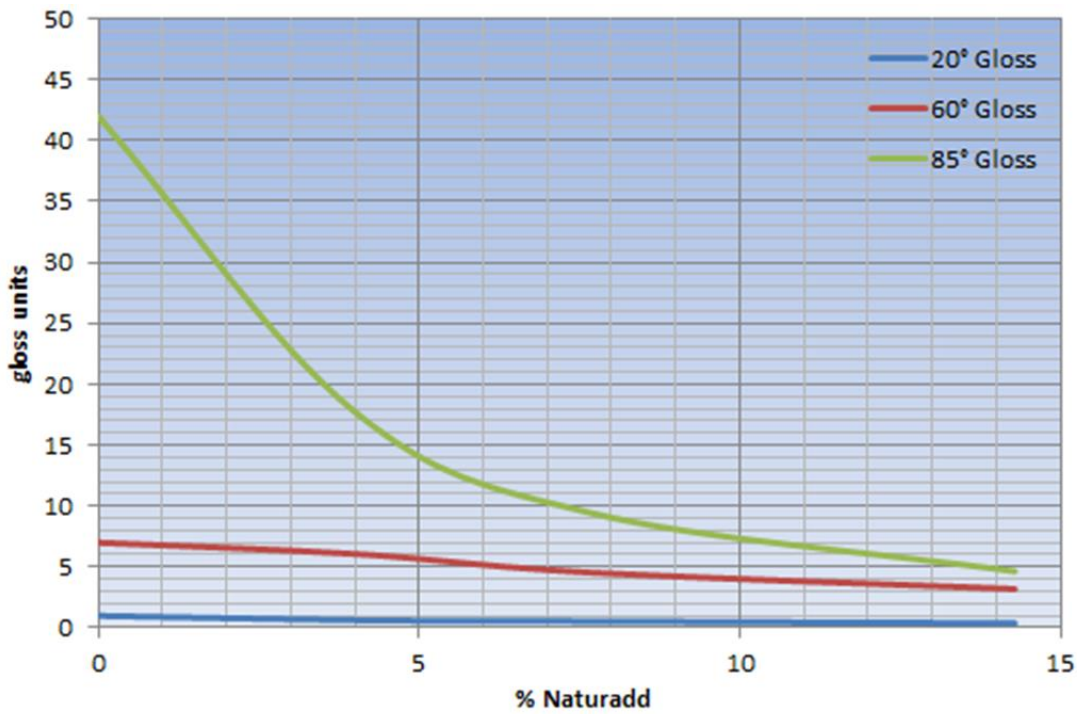
Product Finish	angle of measurement			with ProSelect Anti-Slip added *		
	20°	60°	85°	20°	60°	85°
Gloss	49	82	90	7	29	25
Semi-Gloss	14	54	71	6	26	23
Satin	4	24	50	2	12	10
Velvet	2	10	36	1.3	8	8
Low Sheen	2	10	17	refer note on ProSelect Anti-Slip Data Sheet PS10 for more information		
Natural Low Sheen	2	8	9			
Ultra Matt	1	5	5			

* at 100 ml per Litre of Base

ProSelect gloss levels as standard



ProSelect gloss levels with Naturadd



Timber Natural Gloss Levels

We took samples of natural timber that had been processed through a timber planer and then measured the natural gloss level. This process involved using a RHOPPOINT Gloss Reader and readings taken in sets of 5 areas avoiding any timber knot areas at 20°, 60° and also 85° angles.

The idea is to get a feel for what the natural gloss levels are on various species of timber so to help assist in matching the gloss level of any urethane to be applied if the client wants the best “natural” look possible.

Bare Timber	20°	60°	85°
Jarrah	0.6	2.8	9.6
Rimu	2.1	8.8	26.2
Matai (recycled)	0.9	3.8	10.6
Matai	1.2	4.0	8.0
Totara	1.0	3.7	7.6
Australian Oak*	1.9	6.7	10.8
European Oak	1.1	2.9	7.4
NZ Oak	1.0	3.3	12.1
American White Oak	1.0	4.0	16.3
Ash	1.1	3.6	7.6

*aka Victorian Ash / Tasmanian Oak

It is important to note that at very low gloss levels it is sometimes very difficult to tell the difference between some gloss levels. For example, at levels less than 5% at an angle of 60° and levels less than 10% at an angle of 85°, may all look very similar to the human eye.

