

**Table 3.2 A pairwise comparison chart (PCC) for a ladder design.**

| <b>Goals</b>       | <b>Cost</b> | <b>Portability</b> | <b>Usefulness</b> | <b>Durability</b> | <b>Score</b> |
|--------------------|-------------|--------------------|-------------------|-------------------|--------------|
| <b>Cost</b>        | ●●●●        | 0                  | 0                 | 1                 | 1            |
| <b>Portability</b> | 1           | ●●●●               | 1                 | 1                 | 3            |
| <b>Usefulness</b>  | 1           | 0                  | ●●●●              | 1                 | 2            |
| <b>Durability</b>  | 0           | 0                  | 0                 | ●●●●              | 0            |