

# Acoustic Values

## COASTLINE



**Sound Absorption** (ISO 354)

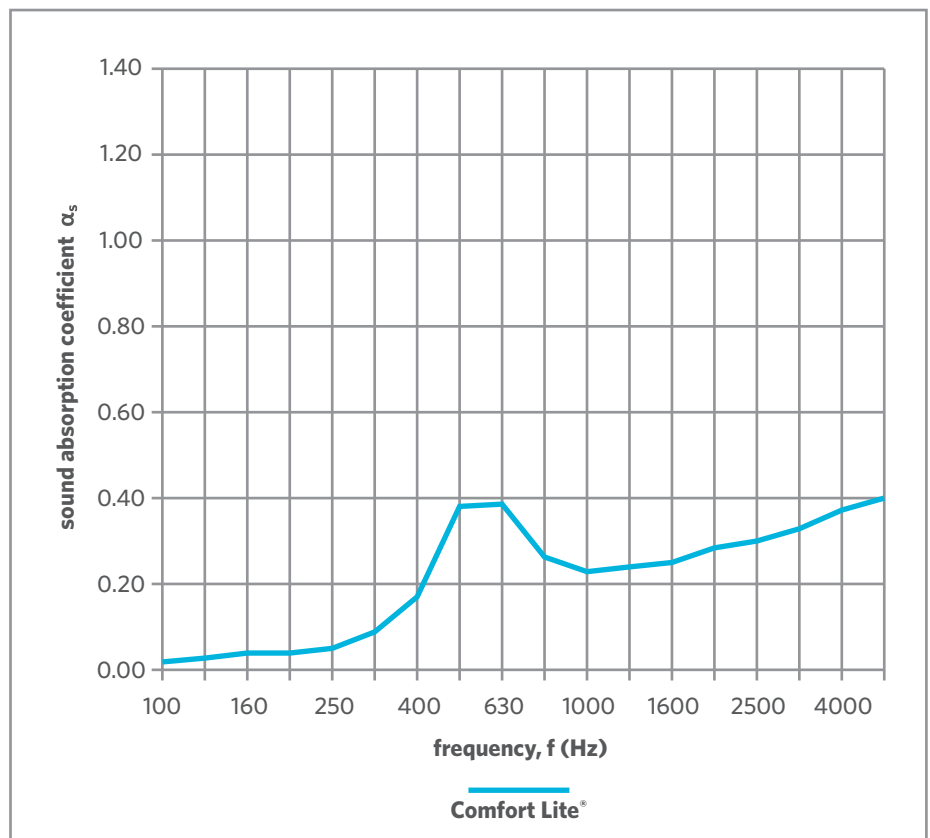
**Impact Sound** (ISO 140-8 / ISO 10140-3)

Coastline Comfort Lite®  $\alpha_w$  0.30 Class D

Coastline Comfort Lite®  $\Delta L_w$  32dB

### Sound absorption coefficient $\alpha_s$

| FREQUENCY<br>(Hz) | Comfort Lite®<br>$\alpha_s$ |
|-------------------|-----------------------------|
| 100               | 0.02                        |
| 125               | 0.03                        |
| 160               | 0.04                        |
| 200               | 0.04                        |
| 250               | 0.05                        |
| 315               | 0.09                        |
| 400               | 0.17                        |
| 500               | 0.38                        |
| 630               | 0.39                        |
| 800               | 0.26                        |
| 1000              | 0.23                        |
| 1250              | 0.24                        |
| 1600              | 0.25                        |
| 2000              | 0.28                        |
| 2500              | 0.30                        |
| 3150              | 0.33                        |
| 4000              | 0.37                        |
| 5000              | 0.40                        |



### $\alpha_p$ values (Comfort Lite®)

| 125 Hz | 250 Hz | 500 Hz | 1000 Hz | 2000 Hz | 4000 Hz |
|--------|--------|--------|---------|---------|---------|
| 0.05   | 0.05   | 0.30   | 0.25    | 0.30    | 0.35    |

### $\alpha_w$ Class

| $\alpha_w$<br>(overall value) | Class |
|-------------------------------|-------|
| 0.30                          | D     |