

REPORT NO : 101

TEST DATE : MARCH 2004

SYSTEM TESTED : Durabella Cradle & Batten System C40/45

SITE ADDRESS : Henley Road, Caversham, Berkshire

CLIENT : Kings Oak Construction

SITE DESCRIPTION : Block of New Build Flats with Concrete Intermediate Floors (225mm Plank & 65mm Screed)

TESTED BY : Noise.co.uk Ltd (Reference Number 2037)

IMPACT RESULTS

| Source Room | Receive Room | $L'_{nT,w}$ dB | Building Regulations | Below Maximum Value? |
|-------------|--------------|----------------|----------------------|----------------------|
| Lounge 30 | Lounge 26 | 51 | 62 Maximum | Yes |
| Bedroom 30 | Bedroom 26 | 51 | 62 Maximum | Yes |

AIRBOURNE RESULTS

| Source Room | Receive Room | $D_{nT,w}$ | C_{tr} | $D_{nT,w} + C_{tr}$ | Building Regulations | Acheived Min Value? |
|-------------|--------------|------------|----------|---------------------|----------------------|---------------------|
| Lounge 30 | Lounge 26 | 59 | -6 | 53 | 45 dB Min | Yes |
| Bedroom 30 | Bedroom 26 | 59 | -7 | 52 | 45 dB Min | Yes |

CONCLUSION

Of the two floors tested, both areas show compliance for Airborne & Impact Values prescribed in Document E (2003)

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