

The European Standard Parking Award (ESPA)

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What is ESPA?

ESPA is - An Assessment of Quality



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ESPA is not – A Design Guide

ESPA is not Life Care Programme

ESPA is not a Crime Risk Assessment



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How Does It Work:

- 1 Mandatory minimum requirements
- 2 10 areas of assessment, each with a minimum pass mark plus
 - Minus points - dirty/smelly etc.
 - Plus points - added value
- 3 Minimum qualifying score one third above minimum standard



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Mandatory Requirement (all to be satisfied)

- Public use
- Headroom 1.9m plus
- Separate entry and exit lanes
- Meet national standards for disabled access
- 70% of bays 2.3m plus wide
- Minimum ramp width
- Maximum ramp curvature
- Meet national fire standards
- Intercom with access control
- Pedestrian & safety barriers to national standards
- Receipt for payment
- Adequate room for turning



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Assessment Philosophy:

- Minimum standard to score at all
- Zero points below standard
- Extra points for quality



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The Ten Assessment Areas

- Lighting
- Entry/Exit
- Parking Deck
- Pedestrian Areas
- Elevators/Stairwells
- Exterior
- Comfort/Miscellaneous
- Wayfinding
- Energy& Environment



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Lighting

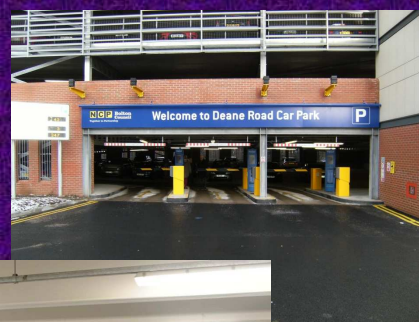
- Measure lighting levels at eight locations
- Entry/exit
- Payment points
- Elevator
- Stairs/pedestrian routes
- Parking floor



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Entry/Exit

- Headroom signage
- Clear functional signing
- Geometry
- Gradient
- Build
- Equipment
- Width



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The Parking Deck

- Structural intrusion
- Visibility
- Signage
- Space markings
- Lane markings
- Guidance for handicapped users
- Parking Angle
- Stall width/bay width
- Ramp design



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Pedestrian Areas

- Headroom
- Separation
- Doors
- Signing



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Elevators/Stairwells

- Stairwells: quality
- Access to parking deck
- Escalators: Coverage
- External openings (natural light)
- Elevator: quality, size and coverage



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Safety and Security

- CCTV
- Staff Presence and coverage
- Intercom
- Lockable access when closed
- Controlled access when open (Fast Gate)
- Internal barrier design



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Exterior

- Signage
- Space indicator
- Pedestrian signing/information



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Comfort/Miscellaneous

- Information boards
- Payment options
- Number of pay points
- Toilets
- Decor
- Phone coverage
- Radio coverage
- Music
- Ventilation noise



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Wayfinding

- Parking space indicators
- Location guidance
- Fire escape route marking
- Floor level marking
- Other signing to orient pedestrians
- Colour coding



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Energy& Environment

- Energy saving lighting technologies
- Exhaust filtering
- Waste water separation/grey water initiatives
- EV charging points
- Car sharing initiatives
- Other



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| Minus Points | Bonus Points |
|---------------------|-----------------------|
| Graffiti | Added Services |
| Dirt | Tidal Flow Entry/Exit |
| Poor Decor | Escape at entry |
| Lack of Maintenance | Customer Service Desk |
| Smells | Bay Marking on Walls |
| Dead Ends | Other |
| Other | |



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| FINAL RESULT: | | | | | |
|---------------|---|------------|--------------|------------|--------------------|
| | Score Summary Sections 2-10 | Max. score | Points given | Pass mark | Pass √: Fail: X |
| 2 | <i>subtotal lightning</i> | 46 | | 20 | |
| 3 | <i>subtotal car entry/exit</i> | 27 | | 15 | |
| 4 | <i>subtotal parking area</i> | 54 | | 25 | |
| 5 | <i>subtotal pedestrian routes</i> | 10 | | 4 | |
| 6 | <i>subtotal elevators/stairwells</i> | 38 | | 17 | |
| 7 | <i>subtotal safety/security</i> | 34 | | 17 | |
| 8 | <i>subtotal outside of car park</i> | 7 | | 1 | |
| 9 | <i>subtotal comfort and miscellaneous</i> | 41 | | 10 | |
| 10 | <i>subtotal wayfinding</i> | 23 | | 8 | |
| 11 | <i>Subtotal Energy and Environment</i> | 20 | | 3 | |
| | Sub - Total | 301 | | | |
| | Has the car Park achieved Minimum Score in EVERY Section? •Yes – Continue •No - Reject | | | | |
| | Total score 2 - 11) | 301 | | | |
| | Sub - Total minus points (M1 – M7) | -55 | | | |
| | Sub - Total bonus points (B1 – B7) | +28 | | | |
| | Final Score | | | | |
| | Standard for Award | | | 160 | |
| | Qualifies for Award: Yes/No | | | | |

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Remember: ESPA is - An Assessment of Quality

- Design Guide
The IStructE “ Design Recommendations for Multi-storey and Underground Car Parks”
- Life Care Programme
See BPA Parking Practice Notes 6 & 17
- Crime Risk Assessment
See the Safer Parking Scheme

