

## Environmental component

Environmental component, the complete Housing Enabler instrument. © Susanne Iwarsson & Björn Slaug 2010.

Personal component / functional profile	Yes		RATING	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
	Yes	No																	
<b>A. EXTERIOR SURROUNDINGS</b>																			
<b>General</b>																			
<b>A1.</b> Paths narrower than 1.5 m. <i>A width of 1.0 m is acceptable provided there are 1.5 m turning zones at least every 10 m.</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A1
<b>A2.</b> Irregular/uneven surface (irregular surfacing, joins, sloping sections cracks, holes; 5 mm or more).	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A2&4
<b>A3.</b> Unstable surface (loose gravel, sand, clay, etc.). <i>Mark if it causes difficulties e.g. when using a wheelchair or rollerator.</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A3
<b>A4.</b> Steep gradients (more than 1:20). <i>Does not include ramp at entrance; rate under B22.</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A5
<b>A5.</b> Routes with steps. <i>An alternative route with a ramp that meets the standard is accepted.</i>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A6
<b>A6.</b> No/insufficient tactile cues of abrupt level changes/other hazards.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A7
<b>A7.</b> High kerbs (more than 4 cm).	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A8
<b>A8.</b> Kerb ramps with steep gradients.	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Not rated																A9

<sup>a</sup> (Svensson, 2008), <sup>b</sup> The Housing Enabler: A Method for Assessing and Analysing Accessibility Problems in Housing (Iwarsson & Slaug, 2001).

A. EXTERIOR SURROUNDINGS	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated			2	2	3	2	1	2						3	3		A11
A9. Poorly drained paths and roadways.																		
A10. No handrails on steep gradients. <i>Handrail on only one side is sufficient.</i> <i>Definition of "steep", see A4.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 285	1	1	4	3	4								1			A12
A11. No resting surfaces (2 m) or too short/long distances between them on slopes (max. 6 m between resting surfaces).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 96 p. 301			3	3	4								3	2		A13
A12. Poor/uneven/dazzling lighting along circulation paths. <i>Note whether the rating is performed in daylight or darkness.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated																	
A13. Poor/uneven/dazzling illumination of walking surface.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 311	1	2	1	2			1						3	3		A14
A14. Complicated/illogical routes to/from entrance.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 311	1	4														A15
A15. Complicated/illogical routes to/from entrance.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		2	1	3				1						1	1		A16
<b>Parking</b>																		
A15. Parking place far from entrance (more than 25 m walking distance).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 321	4		1	1	4								1	2		A18
A16. Passenger loading zones far from entrance (more than 5 m). <i>Note whether there is a locked barrier.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated			3	3		4								1	2		A19
A17. No shelter from weather in passenger loading zone.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 324			1	1	3								3	3		A20

A. EXTERIOR SURROUNDINGS	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>A18.</b> No stable, even, non-slip surface in car park (loose gravel, sand, clay, etc.).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 321		1	1		3	3	3	4					3	3		A21
<i>Points A19–A24 are rated only for multi-family dwellings:</i>																		
<b>A19.</b> No reserved parking for people with disabilities within 10 m of the entrance.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 323	3							3					3	3		A22
<b>Seating places.</b>																		
<b>A20.</b> No/too few seating places (should be located every 25 m close to the entrance, thereafter at least every 100 m).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 312					3	3	4						3			A24
<b>A21.</b> Low/high seating surfaces (outside the range 45–50 cm)/no armrest.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 312					1	1	1					1	1	1		A25
<b>A22.</b> Rough/unstable ground at seating places.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 312					3	3	1						3	3		A26
<b>A23.</b> Insufficient manoeuvring space at seating places (1.5 × 1.5 m).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 312													3	4		A27
<b>A24.</b> Furniture placed in the path of travel.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 312		3	3										3	3		A28
<b>Other features</b>																		
<b>A25.</b> Refuse room/refuse bin can only be reached via steps or other differences in level (more than 15 mm). <i>Note that a route assessed under another section should/NOT be assessed here again.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 248		3	3		3	3	1						3	4		A29

A. EXTERIOR SURROUNDINGS	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>A26.</b> Letterbox can only be reached via steps or other differences in level (more than 15 mm).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 223		3	3		3	3	3	1					3	4		A30
<b>A27.</b> Refuse bin difficult to reach (not at 0.8–1.0 m above ground, or other problem) <i>Refers to the opening of the bin; all refuse containers including battery boxes.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 223 p. 249					3	2	1						3	4		A31
<b>A28.</b> Letterbox difficult to reach (not at 0.8–1.1 m above ground, no basket on the inside of the apartment door, or other problem).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 223 p. 249					3	2	1						3	4		A31

B. ENTRANCES	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>	
<p><i>Refers to stairs, ramps, and lifts outdoors and/or in stairwells. Steps in the actual dwelling are rated under C: INDOOR ENVIRONMENT. Note that a sitting-out place is rated under a separate heading below. All dimensions = clearance. Note whether there are alternative entrances and if so which of them is/are used most frequently.</i></p> <p><b>General</b></p> <p><b>B1.</b> Narrow door openings (less than 84 cm clearance). <i>Refers to all doors from entrance door to apartment door (equivalent), including lift door.</i></p> <p><b>B2.</b> High thresholds and/or steps at the entrance (more than 15 mm). <i>If there is a rubber strip: Press it down and measure the maximum height.</i></p> <p><b>B3.</b> Insufficient manoeuvring space at doors (clearance less than 1.5 x 1.5 m, outside and inside, 70 cm on the opening side of the door at the main entrance, 50 cm at apartment door). <i>Refers to clearance; note the difference between B3 and B5.</i></p> <p><b>B4.</b> Door swing that obstructs use. <i>Refers to door leaves that obstruct when opening and/or closing.</i></p> <p><b>B5.</b> No resting area in front of entrance door (maximum gradient 1:50, less than 1.5 x 1.5 m). <i>Refers to a level area; note difference between B3 and B5.</i></p>	<p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p>	p. 102																	B1
	<p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p>	p. 110		3	3		3	3		1					3	4			B2
	<p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p>	p. 85													3	4			B3
	<p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p>																		B4
	<p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p>	p. 112		1	1										1	4			B5



B. ENTRANCES	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>B15.</b> Projecting nosing/open-riser stairs.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 100		1	1										3			B15
<b>B16.</b> No handrails/handrail on one side only. <i>Note whether handrails are missing on one or both sides.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1	2	2	3	3	3							4			B16
<b>B17.</b> Handrails too short (must continue 30 cm before/after the stairs) and/or interrupted at landing. <i>This requirement is considered met if one of the handrails continues without interruption at landing.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 286	1	1	1	1	1	1							2			B17
<b>B18.</b> Handrails placed too high/low (higher/lower than 90 cm). <i>Measure at the centre of the stair tread.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 286				1	1	1							1			B18
<b>B19.</b> No tactile cues to stairway in circulation path.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 100	1	3														B19
<b>B20.</b> Visual pattern on the surface of stair treads camouflages edges of treads.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1	3														B21
<b>B21.</b> Poor illumination of walking area and/or handrails. <i>Note also whether there is sufficient time before automatic lighting goes off.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 268		4														B22
<b>Ramps</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated																	B23
<b>B22.</b> Sleep gradients (more than 1:20).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 96				3	3	3							3	3		B23
<b>B23.</b> No level resting surface (2.0 m) or too short/ too long spaces between resting surfaces on slopes (max. 6 m between resting surfaces).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 95				3	3	3							3	3		B24

B. ENTRANCES	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>B24.</b> No handrails (required on both sides, without interruption).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 285				3	3	3							3	3		B26
<b>B25.</b> No or too low protection (lower than 40 mm) against slipping off sides.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 95		3	3										3	3		B27
<b>Lifts</b>																		
<b>B26.</b> Lift does not stop at the same level as building floor (difference in level of more than 15 mm). <i>The width of the lift door is rated at B1.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	pp. 117–118		3	3	3	3	3							3	3		B28
<b>B27.</b> Wide gap between the lift and the building floor (max. 3 cm).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1	3	3	2	3	3							3	3		B29
<b>B28.</b> Heavy doors without automatic opening.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated					3	3	3		3			4		3	3		B30
<b>B29.</b> Automatic opening on swing doors.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1	3	3													B31
<b>B30.</b> Doors that do not stay in open position or close quickly.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		2	3	4	3	3	3							3	3		B32
<b>B31.</b> Doors that cannot be fastened in open position (locking device required).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated					3	2	3										B33
<b>B32.</b> Lift stops abruptly.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated					1	1								1			B34
<b>B33.</b> No handrail in lift.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 120				1	1	1							1			B35
<b>B34.</b> No seat in lift.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 121				3	1	2							3			B36



B. ENTRANCES	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>B35.</b> Cramped lift (less than 1.1 x 1.4 m).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 117												1	3		B37	
<b>B36.</b> Illogical design of controls. <i>Note whether controls have to be pressed continuously when the lift is moving.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 120	3	3													B38	
<b>B37.</b> Controls placed too high/low (other height than 0.9–1.0 m). <i>Refers to both outside and inside the lift</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 120						2	3	1			1	2	4		B39	
<b>B38.</b> Controls require good hand function.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 121									3	4					B40	
<b>B39.</b> No audio signal when the lift arrives.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 121	1	3	4				3					1	1		B41	
<b>B40.</b> No visual signal when the lift arrives.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 121						3						1	1		B42	
<b>B41.</b> Lift signals do not indicate the direction of the lift up or down.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 121	3	3	4	3								1	1		B43	
<b>Sitting-out place/balcony</b>																		
<b>B42.</b> Sitting-out place/balcony too narrow (less than 1.5 m). <i>Requires a specially built place, not just a lawn or the like. Note if sitting-out place/balcony is used as an entrance.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 214												3	4		B45	
<b>B43.</b> Narrow door (less than 84 cm clearance).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 215												3	4		B46	

B. ENTRANCES	RATING	Bygg ikapp- page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
B44. High threshold/level difference/step (more than 15 mm).	<input type="checkbox"/> Yes	p. 110		3	3		3	3	3	1					3	4		B47
	<input type="checkbox"/> No																	
	<input type="checkbox"/> Not rated																	
B45. Wide gaps in the floor (more than 5 mm).	<input type="checkbox"/> Yes														3	3		B48
	<input type="checkbox"/> No																	
	<input type="checkbox"/> Not rated																	
B46. Steep transition from one level to another. (gradient more than 1:20).	<input type="checkbox"/> Yes						3	3	3						3	3		B49
	<input type="checkbox"/> No																	
	<input type="checkbox"/> Not rated																	





C. INDOOR ENVIRONMENT	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<p><b>Kitchen, laundry room, utility kitchen.</b></p> <p><i>Refers to furnishings and equipment, including washing and drying machines even if they are located in the hygiene room. Equipment in communal laundry room is NOT rated, but getting to/into the laundry room is rated generally in section A and at C86.</i></p> <p><b>C20.</b> Insufficient manoeuvring spaces around white goods/storage units (service area less than 1.2 m in front). <i>Insufficient area because of furniture is rated under C5.</i></p> <p><b>C21.</b> Wall-mounted cupboards and shelves placed high (lowest shelf more than 50 cm above the working surface or more than 1.4 m above the floor).</p> <p><b>C22.</b> No surface at a height suitable for sitting while working (84 cm or lower required). <i>Refers to fixtures, not furniture; leg clearance rated at C24.</i></p> <p><b>C23.</b> Low working surfaces (84 cm or lower). <i>Refers to fixtures, not furniture.</i></p> <p><b>C24.</b> No working surfaces with leg room (less than 65 cm clearance, depth 60 cm, width 80 cm). <i>Refers to fixtures, not furniture.</i></p> <p><b>C25.</b> Working surfaces too deep (more than 60 cm).</p>	<p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p> <p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p> <p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p> <p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p> <p><input type="checkbox"/> <b>Yes</b></p> <p><input type="checkbox"/> <b>No</b></p> <p><input type="checkbox"/> <i>Not rated</i></p>	pp. 196–202		3	3	3	3	3	1	3					3	4		C25
				3	3	4	4	3	3	2	4	3	4	3	3	4		C26
																		C27
									1	1					3	3		C28
										3				3				C29
									2	2					2	3		C30
											3	1	4		3	3		



C. INDOOR ENVIRONMENT	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>C34.</b> Use requires intact fine motor control. <i>Refers to fine-motor, composite "manipulation", cf. C41.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1					3				1	1					C39
<b>C35.</b> Very small controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated			2	2							3	2					C40
<b>C36.</b> Very large controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	3					C41
<b>C37.</b> Turning motion of wrist required.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	4					C42
<b>C38.</b> Complex manoeuvres (more than one operation/movement) and good precision required.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		2		1			2				1	1		1			C43
<b>C39.</b> Use requires two hands.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated							2				1	4		3			C44
<b>C40.</b> Use requires hands.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											3	4		1			C45
<b>C41.</b> Use requires fingers (i.e. isolated grip, e.g. pinch and lateral grip).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	4					C47
<b>C42.</b> Controls in high/inaccessible position (more than 1.1 m above the floor). <i>Refers to switches, sockets, handles of cupboards and drawers, etc. Note the proportion (approximate %) of all functions problematically placed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	3	1	2	4		C48







C. INDOOR ENVIRONMENT	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>		
<b>C61.</b> Controls in high/inaccessible position (more than 1.1 m above the floor). <i>Refers to switches, sockets, handles of cupboards and drawers, etc. Note the proportion (approximate %) of all functions problematically placed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 184								2	3	1			2	4		C70		
<b>C62.</b> Controls in low position (less than 80 cm above the floor). <i>Refers to switches, sockets, handles of cupboards and drawers, etc. Note the proportion (approximate %) of all functions problematically placed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 184												1	1			C71		
<b>C63.</b> Wash-basin placed at a height for use only when standing (top edge 81 cm or more above floor).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated							3								3		C72		
<b>C64.</b> Toilet 47 cm or lower. <i>Including seat.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 137												3	3	1		C73		
<b>C65.</b> Toilet 48 cm or higher. <i>Including seat.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 137														1		C74		
<b>C66.</b> Insufficient leg room under wash-basin (clearance depth to the wall minimum 60 cm, clearance width minimum 80 cm, and the wash-basin, pipes, water trap, etc.).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 138								2	2				1	3		C76		
<b>C67.</b> Mirror placed at a height for use only when standing (lower edge more than 90 cm above floor).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 139									2					3		C77		
<b>C68.</b> Toilet roll holder in inaccessible position (more than 40 cm from the toilet, other height than 80 cm above the floor, placed on the wall behind the toilet, etc.).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 138			1												1	2	1	C78

C. INDOOR ENVIRONMENT	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<b>C69.</b> Storage cupboards, towel hooks, etc. placed high/low (other height than 0.9–1.2 m above floor).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 139		1	1	1	1	1	1	2						3		C79
<b>C70.</b> Shower stall with kerb/level difference. A soft rubber edge that allows passage with wheeled mobility devices is acceptable.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated					1								3	3	3		C80
<b>C71.</b> Bathtub instead of shower space.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated					3							2	3	4			C81
<b>Other controls and operable hardware</b> (except in kitchen and hygiene area, which are rated separately) <i>Refers to window and door fittings, locks, switches, and other fixtures.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	pp. 183–189																C83
<b>C72.</b> Illogically designed controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 183	4	2	3													C84
<b>C73.</b> High force required to activate controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated	p. 184						3			1			3	1			C85
<b>C74.</b> Ultra-sensitive activation.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		3	3	3		3				1	1	1					C86
<b>C75.</b> Use requires intact fine motor control. <i>Refers to fine-motor, composite "manipulation", cf. C41.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1				3				1			1				C87
<b>C76.</b> Very small controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated			2	2							3	2					C88
<b>C77.</b> Very large controls.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	3					

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	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	4					C89
<b>C78.</b> Turning motion of wrist required.																		
<b>C79.</b> Complex manoeuvres (more than one operation/movement) and good precision required.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		2		1		2					1	1	1				C90
<b>C80.</b> Use requires two hands.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated		1				2					1	4	3				C91
<b>C81.</b> Use requires hands.	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated												3	4	1			C92
<b>C82.</b> Use requires fingers (i.e. isolated grip, e.g. pinch and lateral grip).	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated												2	4				C94
<b>C83.</b> Controls in high/inaccessible position (more than 1.1 m above the floor). <i>Refers to switches, sockets, handles of cupboards and drawers, etc. Note the proportion (approximate %) of all functions problematically placed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated																	C95
<b>C84.</b> Controls in low position (less than 80 cm above the floor). <i>Refers to switches, sockets, handles of cupboards and drawers, etc. Note the proportion (approximate %) of all functions problematically placed.</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not rated											2	3	1	2	4		C96

C. INDOOR ENVIRONMENT	RATING	Bygg ikapp <sup>a</sup> page ref.	A	B1	B2	C	D	E	F	G	H	I	J	K	L	M	NOTES	Orig. no. <sup>b</sup>
<p><b>Supplementary housing facilities.</b></p> <p><i>Accessibility via footpaths etc. outdoors is rated under EXTERIOR SURROUNDINGS. A whole indoor flight of stairs is rated at C8–C19.</i></p> <p><i>Note that a circulation path that has been rated in a previous section should NOT be rated once more here.</i></p> <p><b>C85.</b> Storage areas can only be reached via stairs/ threshold or other difference in level (more than 15 mm) and/or more than 25 m from entrance.</p> <p><input type="checkbox"/> <b>Yes</b>  <input type="checkbox"/> <b>No</b>  <input type="checkbox"/> <i>Not rated</i></p>		pp. 219–221		3	3	3	3	3	1						3	4		C97
<p><b>C86.</b> Laundry room can only be reached via stairs/ threshold or other difference in level (more than 15 mm) and/or more than 25 m from entrance.</p> <p><input type="checkbox"/> <b>Yes</b>  <input type="checkbox"/> <b>No</b>  <input type="checkbox"/> <i>Not rated</i></p>		p. 219	3	3	3	3	3	3	1						3	4		C99
<p><b>C87.</b> Inappropriate design of door to laundry room (clearance less than 84 cm, heaviness, etc).</p> <p><input type="checkbox"/> <b>Yes</b>  <input type="checkbox"/> <b>No</b>  <input type="checkbox"/> <i>Not rated</i></p>						1			1		2		1		3	4		C100