



The Steel Construction Institute



# CURTAIN WALL CONNECTIONS TO STEEL FRAMES

I N T E R F A C E S

## CONTENTS

	Page no.
SUMMARY	iv
INTRODUCTION	1
REVIEW OF MAIN THEMES	2
SUMMARY OF RECOMMENDATIONS AND CHECKLISTS	4
1 DESIGN	
Introduction to Section 1	7
1.1 Generic cladding types	8
1.2 Principles of support and restraint	14
1.3 Installation and erection	16
1.4 The cladding / frame interface	19
1.5 Tolerances	23
1.6 Loads and their effects	28
1.7 Post installation movements	29
1.8 Corrosion protection of fixings	33
1.9 Fire protection of fixings	34
1.10 Constraints on internal layout	34
2 SYSTEMS	
Introduction to Section 2	35
2.1 Integral concrete panel with integral boot, top hung	37
2.2 Integral concrete panel with integral boot, bottom supported	43
2.3 Integral concrete panel with flat back, top hung	49
2.4 Strongback system with slab fixing	55
2.5 Strongback system with column fixing	61
2.6 Stick system with slab edge fixing	67