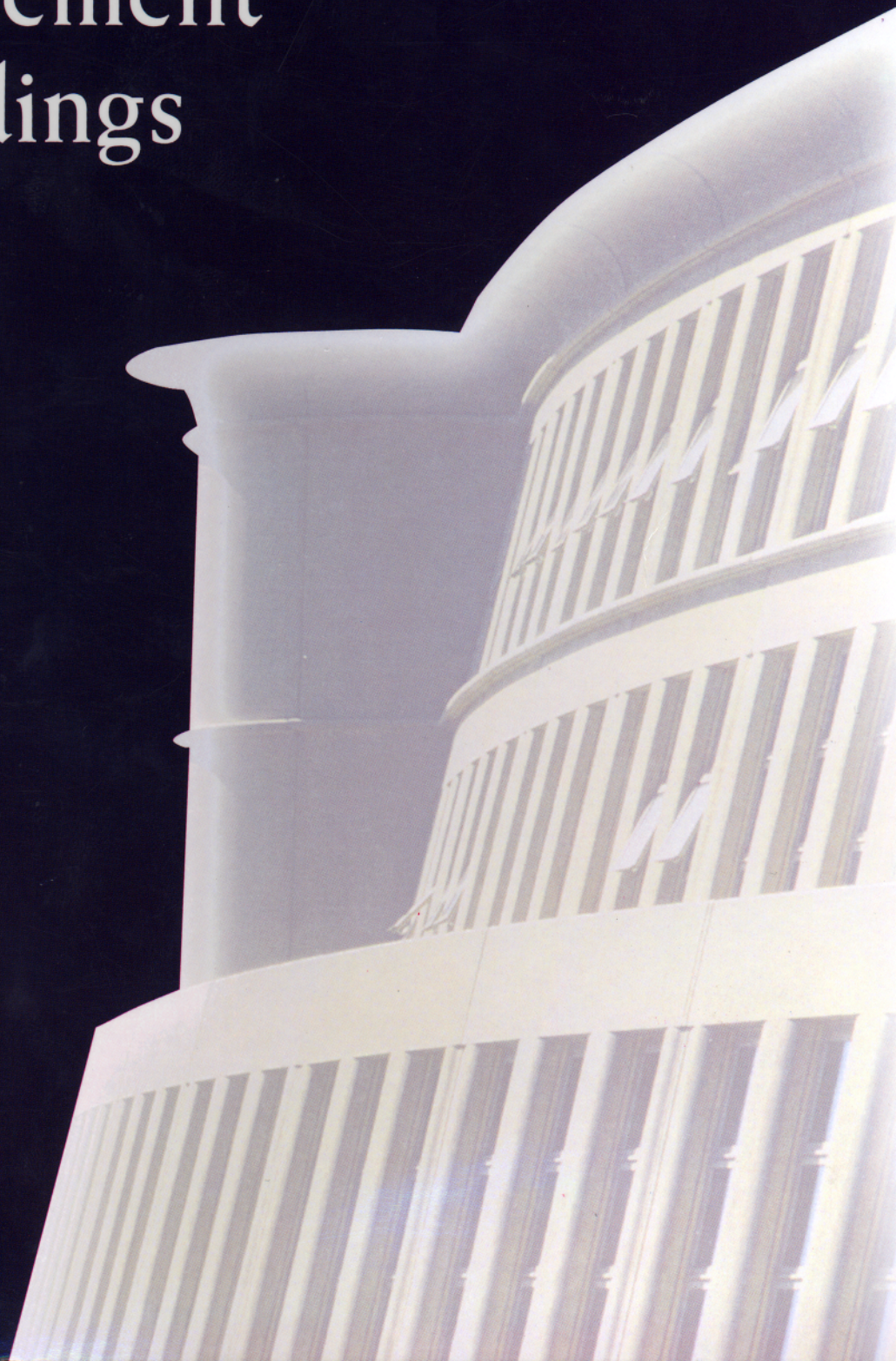


Guide to Precast Concrete and Prefabricated Reinforcement for Buildings



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FOREWORD

CIDB has promoted buildable design to the construction industry since 1992 as the key to higher productivity and quality. The promotion has been successful in the public sector. Public sector building designs are now much more buildable. Improvements in quality, measured by the CONQUAS system, and higher site productivity, measured in square metres per manday, have been achieved in public sector buildings. The private sector is also becoming aware of the buildable design and a number of good efforts have been made. But a lot more can be done.

Drawing from these experiences, CIDB will be implementing an integrated programme to raise prefabrication levels in the private sector. This includes the standardisation of major building components, improving the infrastructure to facilitate more prefabrication and upgrading the industry's expertise.

This Guide is the first of a series of design tools to help developers, architects and designers increase the buildability of their designs through the wider use of prefabricated components. This industry effort is led by CIDB with representatives from public sector agencies, REDAS, SIA, IES, ACES, SCAL, NUS, NTU, leading design firms, contractors, precasters and reinforcement suppliers.

I wish to thank the chairpersons, in particular Mr Tan Ee Ping, and members of the Steering Committee and Working Committees who helped to produce this Guide. I am confident that it will contribute in an important way to the better understanding and wider application of prefabrication in the construction industry.



DR TAN SWAN BENG
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