

Central Data Bank

A Central Data Bank (CDB), which contains lists of building materials, components and construction systems that have been accepted by some government departments, has been set up since 2005. CDB mainly contains information accepted by the Buildings Department (BD).

Purpose

2. CDB aims to provide a web-based point of reference to authorized person (AP), registered structural engineer (RSE), registered geotechnical engineers (RGE), registered contractors (RC) and other parties concerned in the building industry. It is intended to help sharing of information amongst government departments and to enhance public access to information.

Scope

3. CDB contains information of building materials, components and construction systems that have been accepted by some government departments. In the case of the Buildings Department (BD), such acceptance in CDB will generally be based on tests and assessments carried out by the accredited laboratories or the certificates of conformity (CoC) issued by relevant accredited certification bodies. They should be assessed and certified by the AP/RSE/RGE as meeting the standards stipulated at the time of submission to BD in accordance with Practice Note for Authorized Persons, Registered Structural Engineers and Registered Geotechnical Engineers (PNAP) APP-118 and APP-165 respectively. AP/RSE/RGE/RC are reminded that the information included in BD's list is historical data.

Listing Procedures

4. For structural products, a building material, component or construction system may be included in the BD's list in the CDB if:

- (a) its use in a particular completed building project has been accepted by BD and certified by AP/RSE/RC; or
- (b) it is currently on BD's list of recognised types of piles.

5. For non-structural products, the primary source of information for inclusion in the BD's list is from the Schedule of Building Materials and Products submitted in accordance with PNAP APP-13. BD will randomly select some of the building materials and products from the Schedules received for audit check so as to verify the relevance of the laboratory tests, assessments and the CoC. Relevant information will then be transferred to the BD's list in the CDB.

6. Due to copyright consideration, the design details, the test and assessment reports and the CoC associated with the product will not be exhibited in the CDB. A sample of BD's list in the CDB is provided at Appendix A.

7. As CDB contains only historical information on material acceptance in respect of a development project, BD will not accept direct application from a supplier, manufacturer or alike for including its products in the BD's list.

Use of Data

8. AP/RSE/RGE who make use of or relies on any information in the CDB should take full responsibility for the application and performance of a building material, component or construction system. They should ensure the materials, components or construction systems adopted have been properly tested according to the latest standards or satisfied the requirements of the relevant Product Conformity Certification Scheme. If they are satisfied with the use of such materials and do not wish to submit hard copy of the test reports or CoC which are identical to those listed in the BD's list in the CBD, they may quote the reference data from the CDB in their certification. Any supplementary test or assessment reports that are not indicated in the BD's list should however be submitted. For the purpose of the Schedule of Building Materials and Products, the AP may quote the reference number of the BD's list in the "Remarks/Comments" column of the Schedule. A sample Schedule is provided at Appendix B.

(YU Tak-cheung)
Building Authority

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BD GR/1-125/106 (X)

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Sample BD's List under Central Data Bank

(A1) List for Fire Rated Doorsets with Test or Assessment Report

Ref. No.	Product Name	Name of Manufacturer and Place of Manufacture (City and country)	Fire Resistance Rating (minutes)		Details of Test or Assessment Report					Date of Posting on CDB	Remarks/ Comments
			Integrity	Insulation	Name of Laboratory Accreditation Body	Name of Laboratory / Assessing Organisation	Report no.	Date of Test / Assessment Report	Validity Date		
<i>BD-D010</i>	<i>Fire Door ABC</i>	<i>ABC Ltd. Co., Edinburgh, UK</i>	<i>30</i>	<i>30</i>	<i>United Kingdom Accreditation System</i>	<i>XYZ International Fire Ltd.</i>	<i>Test Report 12345</i>	<i>20/6/2003</i>		<i>1/2/2005</i>	
<i>BD-D011</i>											
<i>BD-D012</i>											

(A2) List for Fire Rated Doorsets with Certificate of Conformity (CoC)

Ref. No.	Product Name	Name of Manufacturer and Place of Manufacture (City and country)	Fire Resistance Rating (minutes)		Details of CoC					CoC Scheme	Date of Posting on CDB	Remarks/ Comments
			Integrity	Insulation	Accreditation Body	Certification Body	CoC Number	CoC Date	Validity Date			
<i>BD-CoC 001</i>	<i>Fire Door ABC</i>	<i>ABC Ltd. Co., HK</i>	<i>30</i>	<i>30</i>	<i>Hong Kong Accreditation Service</i>	<i>XYZ Fire Ltd.</i>	<i>12345</i>	<i>8/5/2019</i>	<i>23/11/2021</i>	<i>PCCS-PFPP Issue 3</i>	<i>1/2/2021</i>	
<i>BD-CoC 002</i>												

Sample Schedule of Building Materials and Products (under Appendix A of PNAP APP-13)

BD Ref. : _____

Re : *xx Nathan Road, Kowloon, Hong Kong*
(Address of development site)

(A1) Fire Rated Products with Test or Assessment Report

Building Product	Product Name	Name of Manufacturer and Place of Manufacture (City and Country)	Fire Resistance Rating [@] (minutes)		Compliance with Relevant Building Regulations and Codes of Practice	Details of test or Assessment Report					Remarks/ Comments	
			Integrity	Insulation		Name of Laboratory Accreditation Body	Name of Laboratory /Assessing Organisation	Report no.	Date of Test / Assessment Report	Validity Date		
a) Fire rated doorset	<i>G01</i>	<i>Fire Door ABC</i>	<i>ABC Ltd. Co., Edinburgh, UK</i>	<i>30</i>	<i>30</i>	<i>FRC Code para. 6.5 & 11.3</i>	<i>United Kingdom Accreditation System</i> <i>Ditto</i>	<i>XYZ International Fire Ltd.</i> <i>Ditto</i>	<i>Test Report 12345#</i> <i>Assessment Report 98765</i>	<i>20/6/2003</i> <i>10/1/2004</i>	 <i>10/1/2006</i>	<i>BD-D010#</i>
b) Lift landing door												
c) Fire rated glazing												
d) Fire-stop or sealing system in wall/ floor/ curtain wall, etc												
e) Others (e.g. proprietary products, fire shutter, etc)												

Copy of test report not submitted as it is identical to the report shown in BD's list (Ref. No. BD-D010) under the CDB.

@ The performance on stability has to be demonstrated where applicable.

^ Corresponding legend in approved plan should be specified where applicable.

(A2) Fire Rated Products with Certificate of Conformity (CoC)

Building Product	Product Name	Name of Manufacturer and Place of Manufacture (City and Country)	Fire Resistance Rating (minutes)		Compliance with Relevant Building Regulations and Codes of Practice	Details of CoC					CoC Scheme	Remarks/Comments
			Integrity	Insulation		Accreditation Body	Certification Body	CoC Number	CoC Date	Validity Date		
a) Fire rated doorset	^ <i>Fire Door ABC</i>	<i>ABC Ltd. Co., HK</i>	<i>30</i>	<i>30</i>	PNAP APP-165	Hong Kong Accreditation Service	<i>XYZ Fire Ltd.</i>	<i>12345</i>	<i>8/5/2019</i>	<i>23/11/2021</i>	<i>PCCS-PFPP Issue 3</i>	BD-CoC 001#
b) Non-loadbearing fire partition	^											

^ Corresponding legend in approved plan should be specified where applicable.

In accordance with the record in CDB

* Delete whichever is inapplicable

(Rev. 9/2021)