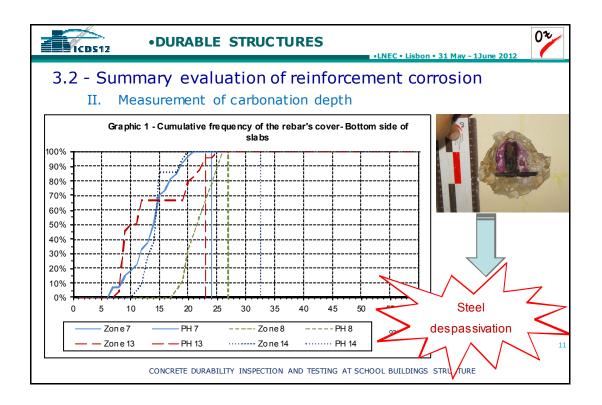
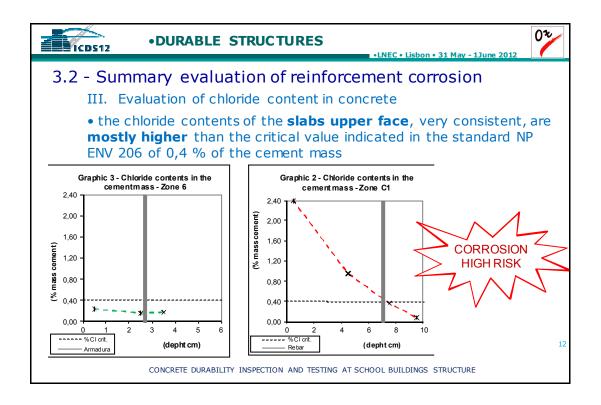
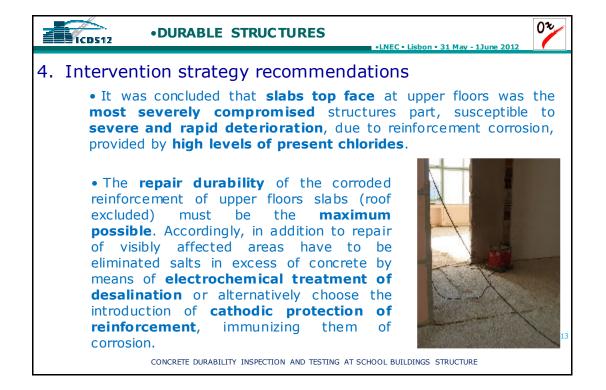




•DURABLE STRUCTURES     •LNEC • Lisbon • 31 May - 1June 2012											
3.2	3.2 - Summary evaluation of reinforcement corrosion I. Measurement of rebar cover										
Test Zones	Element	Cover measured with the covermeter (mm)					Carbonation depth (mm)	<b>→</b> ,			
		min.	med.		-	C. Var.	()	22 22			
1	B1/façade wall	10	30	49	11	38%	24				
11	B3/façade wall	10	22	33	8	37%	14				
2	B1/Prefabricated ext.	16	25	42	6	25%	9				
12	B3/Prefabricated ext.	10	34	48	7	22%	6				
9	B1/Prefabricated int.	20	31	43	6	19%	25				
17	B3/Prefabricated int.	21	26	30	3	11%	45				
3	B1/slab/Board	11	18	24	5	27%	19				
10	B3/slab/Board	16	18	21	2	11%	27	-			
7	B1/Slab/ bottom face	7	14	21	4	27%	24				
8	B1/Slab/ bottom face	18	22	26	2	11%	27				
13	B3/Slab/ bottom face	8	14	25 20	6	43%	23 33				
14 6	B3/Slab/ bottom face B1/column int.	11 18	15 35	49	2	15% 26%	33				
16	B1/column int.	23	29	49	5	17%	30				
4	B1/Slab/ upper face	67	68	69	1	2%	30				
4 5	B1/Slab/ upper lace	70	71	72	1	2%	5				
15	B3/Slab/ upper face	70	83	92	8	9%	4				
18	B3/Slab/ upper face	60	64	67	3	4%	3				
19	B3/Slab/ upper face	40	40	40	0	0%	2				
		ONCRE	TE DUP	RABILI	TY IN	ISPECTIO	N AND TESTING AT S	SCHOOL BUILDINGS STRUCTURE			







2	•DURABLE STRUCTURES	e -
5.	PLAYERS QUALIFICATION Must have a Quality Management System (NP EN ISO 9001:2008)	
	Operators qualification through the annual implementation of training plans, by inspection and testing type	
	Calibration and maintenance of inspection equipment, measuring and testing, according to an annual plan	
	Procedures implementation for evaluating the relevant suppliers for Quality	
	Quality Audits, including "in-situ" work audits	
	Setting the control mode of Nonconformities through the development and monitoring of Corrective and Preventive actions	
	> Quality Plans preparation, with the aim to locate and describe the service cycle implementation, the checks to be carried out by the performer, so planned and systematic	14
	CONCRETE DURABILITY INSPECTION AND TESTING AT SCHOOL BUILDINGS STRUCTURE	

