Example of the systematic durability planning is shown below:

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| --- | --- | --- | --- | --- |
| **Potential deterioration mechanism** | **Environmental factors / Exposure classes** | **Properties of materials** | **Properties of structure** | **Required action to be taken** |
| Reinforcement corrosion | Changes in temperature and moisture at the coastal area (XS1)  … | Cracking, diffusion properties of concrete  … | Inadequate detailing (eaves, joints, etc.)  … | Austenitic stainless steel reinforcement (hot-dip galvanised steel reinforcement)  w/c ≤ 0.45 (tSL = 50 a)  c ≥ 30 mm(tSL = 50 a)  … |

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