

UAE Fire & Life Safety Code of Practice - 2018

According to the UAE Fire and Life Safety (FLS) Code of Practice-2018, Chapter 1 Section 6 of the code, specifies the minimum requirements for certification and listing, design, installation, inspection, and maintenance of roofing system to achieve acceptable levels of fire safety of buildings

New Regulation Outline

All roofing systems intended to be sold in the Emirate of Dubai must be tested & certified by ESL

Where other UAE approved/listed CB historically certified roofing system, ESL will evaluate the technical documents in compliance with the UAE FLS code & subject to ESL certification requirements and accordingly ESL will issue a certificate

For new products/system, client will conduct the fire tests at ESL Lab for Dubai projects and ESL will certify the product/system for Dubai projects.

Materiality fingerprinting is part of the certifying process to allow traceability and future validation by AHJs

ESL will prepare the DXB-specific COC for the client to submit to DCD for product registration

Evaluation Criteria:

- Lab is approved and listed by UAE GHQ CD
- Meeting the requirements of UAE FLS code - 2018

Required Documents

Historically Tested:

- Product / system specifications
- Technical datasheets for all components
- Drawings
- Sampling evidence
- Test reports
- Any assessment reports

Approval For New Roofing System:

- Product / system specifications
- Technical datasheets for all components
- Drawings

ROOFING SYSTEMS

Information Pack - DXB New Regulation

Commencement: Jan 2024

Testing
Certifying
DXB-Specific COC

Steps To Be Followed:

- Client will apply for DXB-specific COC for roofing system
- ESL will review the submitted application along with supporting required documents—either having historical testing evidence or requiring new approval
- ESL will evaluate and verify the submitted documents



Scenario 1

Tested Roofing System – Meeting The Evaluation Criteria

- ESL will submit quotation
- Client will confirm order & make payment
- ESL will prepare product system certificate
- ESL will prepare DXB-specific COC & submit to client
- Client will submit for product registration with DCD

Scenario 2

Tested Roofing System - Not Meeting The Evaluation Criteria

- ESL will submit quotation
- Client will confirm order & make payment
- Sampling by ESL
- Testing at ESL lab
- Certifying by ESL
- ESL will prepare DXB-specific COC & submit to client
- Client will submit for product registration with DCD

Scenario 3

Approval For New Roofing System

- ESL will submit quotation
- Client will confirm order & make payment
- Sampling by ESL
- Testing at ESL lab
- Certifying by ESL
- ESL will prepare DXB-specific COC & submit to client
- Client will submit for product registration with DCD