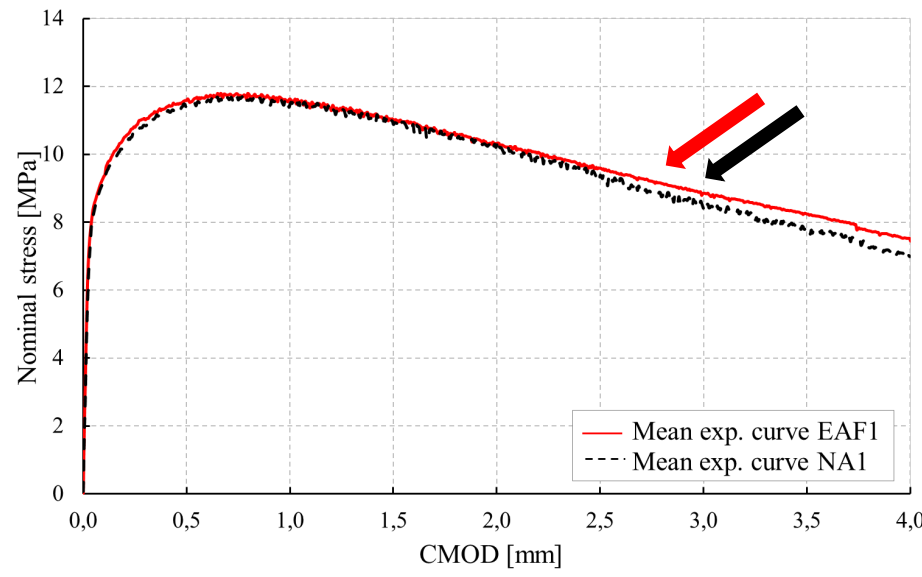
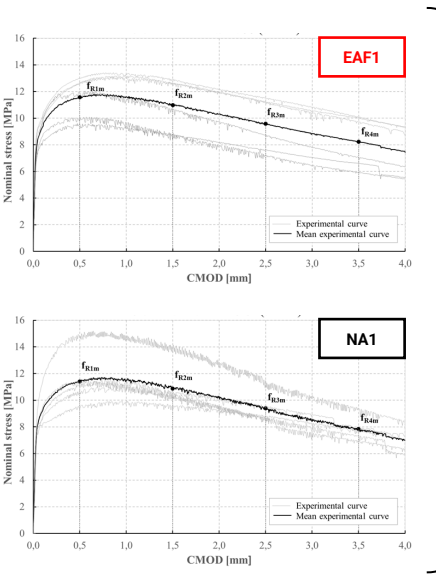


PROPERTIES OF HPFRC CONTAINING EAFS

3. TEST RESULTS

EFFECT OF EAFS INTRODUCTION:

- Focus on **MIX 1**
- **40%** of Natural Aggregates (NA) replaced with **EAFS**
- **IDENTICAL BEHAVIOR** with EAF and NA
- High value of f_{R1} and **SLIGHT SOFTENING**



Limit of proportionality f_l and residual flexure strengths (UNI EN 14651):						
Mix	f_{Lm} [MPa]	$f_{R,1m}$ [MPa]	$f_{R,2m}$ [MPa]	$f_{R,3m}$ [MPa]	$f_{R,4m}$ [MPa]	Class
NA1	8.3 (8.6%) [7.6 – 9.4]	11.3 (18.8%) [9.2 – 14.9]	10.8 (15.2%) [8.6 – 11.4]	9.3 (13.0%) [8.6 – 11.4]	7.8 (11.8%) [6.9 – 9.3]	10b
EAF1	8.4 (9.0%) [7.5 – 9.3]	11.5 (12.5%) [9.5 – 12.9]	10.9 (18.0%) [8.5 – 12.7]	9.5 (20.6%) [7.1 – 11.4]	5.9 (23.1%) [5.9 – 10.0]	10b

