Construction – Practical task

The purpose of this task is to get you to think about the differences between the various types of mortar used for building the sample wall before and during construction. Before and after constructing each section, answer the corresponding questions in the tables.

The answers should be written in keywords so they can be later presented to your classmates.

Section 1:

|  |  |  |
| --- | --- | --- |
| Before construction | Exposure class: |  |
| Before construction | Mortar type: |  |
| Before construction | How is it ensured that the ratio between the different components in the mortar type meets the recipe? |  |
| During construction | Is the mortar type suitable for construction? Why/why not? |  |
| During construction | How does the mortar type cure in the bucket? |  |
| During construction | Does the mortar type affect your working environment? Why/why not? |  |

Section 2:

|  |  |  |
| --- | --- | --- |
| Before construction | Exposure class: |  |
| Before construction | Mortar type: |  |
| Before construction | How is it ensured that the ratio between the different components in the mortar type meets the recipe? |  |
| During construction | Is the mortar type suitable for construction? Why/why not? |  |
| During construction | How does the mortar type cure in the bucket? |  |
| During construction | Does the mortar type affect your working environment? Why/why not? |  |

Section 3:

|  |  |  |
| --- | --- | --- |
| Before construction | Exposure class: |  |
| Before construction | Mortar type: |  |
| Before construction | How is it ensured that the ratio between the different components in the mortar type meets the recipe? |  |
| During construction | Is the mortar type suitable for construction? Why/why not? |  |
| During construction | How does the mortar type cure in the bucket? |  |
| During construction | Does the mortar type affect your working environment? Why/why not? |  |

Section 4:

|  |  |  |
| --- | --- | --- |
| Before construction | Exposure class: |  |
| Before construction | Mortar type: |  |
| Before construction | How is it ensured that the ratio between the different components in the mortar type meets the recipe? |  |
| During construction | Is the mortar type suitable for construction? Why/why not? |  |
| During construction | How does the mortar type cure in the bucket? |  |
| During construction | Does the mortar type affect your working environment? Why/why not? |  |

Section 5:

|  |  |  |
| --- | --- | --- |
| Before construction | Exposure class: |  |
| Before construction | Mortar type: |  |
| Before construction | How is it ensured that the ratio between the different components in the mortar type meets the recipe? |  |
| During construction | Is the mortar type suitable for construction? Why/why not? |  |
| During construction | How does the mortar type cure in the bucket? |  |
| During construction | Does the mortar type affect your working environment? Why/why not? |  |

|  |  |
| --- | --- |
| Which mortar type did you find the easiest to mix? - Why? |  |
| Which mortar type did you find the best to build with? - Why? |  |