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xlink:type="simple" />
        <link:linkbaseRef
xlink:arcrole="http://www.w3.org/1999/xlink/properties/linkbase"
xlink:href="hw-20170331_cal.xml"
xlink:role="http://www.xbrl.org/2003/role/calculationLinkbaseRef"
xlink:type="simple" />
        <link:linkbaseRef
xlink:arcrole="http://www.w3.org/1999/xlink/properties/linkbase"
xlink:href="hw-20170331_def.xml"
xlink:role="http://www.xbrl.org/2003/role/definitionLinkbaseRef" xlink:type="simple"
/>
        <link:linkbaseRef
xlink:arcrole="http://www.w3.org/1999/xlink/properties/linkbase"
xlink:href="hw-20170331_lab.xml"
xlink:role="http://www.xbrl.org/2003/role/labelLinkbaseRef" xlink:type="simple" />
    </xsd:appinfo>
  </xsd:annotation>
  <xsd:import namespace="http://www.xbrl.org/dtr/type/numeric"
```

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schemaLocation="http://www.xbrl.org/dtr/type/numeric-2009-12-16.xsd" />
  <xsd:import namespace="http://www.xbrl.org/dtr/type/non-numeric"
schemaLocation="http://www.xbrl.org/dtr/type/nonNumeric-2009-12-16.xsd" />
  <xsd:import namespace="http://www.xbrl.org/2009/role/negated"
schemaLocation="http://www.xbrl.org/lrr/role/negated-2009-12-16.xsd" />
  <xsd:import namespace="http://xbrl.sec.gov/dei/2014-01-31"
schemaLocation="http://xbrl.sec.gov/dei/2014/dei-2014-01-31.xsd" />
  <xsd:import namespace="http://www.xbrl.org/2003/instance"
schemaLocation="http://www.xbrl.org/2003/xbrl-instance-2003-12-31.xsd" />
  <xsd:import namespace="http://xbrl.org/2005/xbrldt"
schemaLocation="http://www.xbrl.org/2005/xbrldt-2005.xsd" />
  <import namespace="http://fasb.org/us-gaap/2016-01-31"
schemaLocation="http://xbrl.fasb.org/us-gaap/2016/elts/us-gaap-2016-01-31.xsd"
xmlns="http://www.w3.org/2001/XMLSchema" />
  <xsd:element
id="hw_TreasuryStockAndRelatedDeferredCompensationObligationFairValueDisclosure"
name="TreasuryStockAndRelatedDeferredCompensationObligationFairValueDisclosure"
nillable="true" substitutionGroup="xbrli:item" type="xbrli:monetaryItemType"
xbrli:balance="credit" xbrli:periodType="instant" />
  <xsd:element abstract="true"
id="hw_BusinessAcquisitionPurchasePriceAllocationIntangibleAssetsAbstract"
name="BusinessAcquisitionPurchasePriceAllocationIntangibleAssetsAbstract"
nillable="true" substitutionGroup="xbrli:item" type="xbrli:stringItemType"
xbrli:periodType="duration" />
  <xsd:element abstract="true" id="hw_CPMVirginiaLLCMember"
name="CPMVirginiaLLCMember" nillable="true" substitutionGroup="xbrli:item"
type="nonnum:domainItemType" xbrli:periodType="duration" />
  <xsd:element abstract="false"
id="hw_LossContingencyNumberOfInsurersWhoDeniedCoverage"
name="LossContingencyNumberOfInsurersWhoDeniedCoverage" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:integerItemType"
xbrli:periodType="duration" />
  <xsd:element abstract="true" id="hw_EmployeeAndNonemployeeStockOptionMember"
name="EmployeeAndNonemployeeStockOptionMember" nillable="true"
substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
  <xsd:element abstract="true"
id="hw_ScheduleOfFiniteAndIndefiniteLivedIntangibleAssetsTable"
name="ScheduleOfFiniteAndIndefiniteLivedIntangibleAssetsTable" nillable="true"
substitutionGroup="xbrldt:hypercubeItem" type="xbrli:stringItemType"
xbrli:periodType="duration" />
  <xsd:element abstract="false" id="hw_NumberOfBuildingMaterialsSegments"
name="NumberOfBuildingMaterialsSegments" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:integerItemType"
xbrli:periodType="duration" />
  <xsd:element abstract="false"
id="hw_ScheduleOfFiniteAndIndefiniteLivedIntangibleAssetsTableTextBlock"
name="ScheduleOfFiniteAndIndefiniteLivedIntangibleAssetsTableTextBlock"
nillable="true" substitutionGroup="xbrli:item" type="nonnum:textBlockItemType"
xbrli:periodType="duration" />
  <element id="hw_FiniteAndIndefiniteLivedIntangibleAssetsLineItems"
name="FiniteAndIndefiniteLivedIntangibleAssetsLineItems" nillable="true"
type="xbrli:stringItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
  <element id="hw_AccruedContingentLiabilityForReclamationObligations"
name="AccruedContingentLiabilityForReclamationObligations" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="instant" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
  <element
id="hw_AggregateValueOfSeverancePaymentsAndExcessOfMarketValueOfStockBasedAwardsExpe
nse"
name="AggregateValueOfSeverancePaymentsAndExcessOfMarketValueOfStockBasedAwardsExpen
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se" nillable="true" type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_RoofTileIncMember" name="RoofTileIncMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <xsd:element abstract="false"
id="hw_BusinessAcquisitionPurchasePriceAllocationGoodwillExpectedPeriodForTaxDeducti
on"
name="BusinessAcquisitionPurchasePriceAllocationGoodwillExpectedPeriodForTaxDeductio
n" nillable="true" substitutionGroup="xbrli:item" type="xbrli:durationItemType"
xbrli:periodType="duration" />
   <xsd:element abstract="false"
id="hw_TreasuryStockAndRelatedDeferredCompensationObligationFairValueInExcessOfCarry
ingValueAtCost"
name="TreasuryStockAndRelatedDeferredCompensationObligationFairValueInExcessOfCarryi
ngValueAtCost" nillable="true" substitutionGroup="xbrli:item"
type="xbrli:monetaryItemType" xbrli:balance="credit" xbrli:periodType="instant" />
   <xsd:element abstract="true" id="hw_CCPContractsMember" name="CCPContractsMember"
nillable="true" substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_PatentsAndPatentedTechnologiesMember"
name="PatentsAndPatentedTechnologiesMember" nillable="true"
substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_CoalCleaningBusinessMember"
name="CoalCleaningBusinessMember" nillable="true" substitutionGroup="xbrli:item"
type="nonnum:domainItemType" xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_LegalMattersMember" name="LegalMattersMember"
nillable="true" substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
   <xsd:element abstract="true"
id="hw_AssetsBasedRevolvingLineOfCreditFacilityMember"
name="AssetsBasedRevolvingLineOfCreditFacilityMember" nillable="true"
substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_SwinglineFacilityMember"
name="SwinglineFacilityMember" nillable="true" substitutionGroup="xbrli:item"
type="nonnum:domainItemType" xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_FentressFamiliesTrustMember"
name="FentressFamiliesTrustMember" nillable="true" substitutionGroup="xbrli:item"
type="nonnum:domainItemType" xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_EnergyTechnologyMember"
name="EnergyTechnologyMember" nillable="true" substitutionGroup="xbrli:item"
type="nonnum:domainItemType" xbrli:periodType="duration" />
   <xsd:element abstract="true" id="hw_DocumentAndEntityInformationAbstract"
name="DocumentAndEntityInformationAbstract" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:stringItemType"
xbrli:periodType="duration" />
   <element id="hw_OtherAssetsNoncurrentTotal" name="OtherAssetsNoncurrentTotal"
nillable="true" type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="instant" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_IncreaseDecreaseInLongTermReceivablesAndDeposits"
name="IncreaseDecreaseInLongTermReceivablesAndDeposits" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <xsd:element abstract="true"
id="hw_EquitySecuritiesAndStockBasedCompensationAbstract"
name="EquitySecuritiesAndStockBasedCompensationAbstract" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:stringItemType"
xbrli:periodType="duration" />
```

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    <xsd:element id="hw_PercentageOfTotalRevenueAndCostOfRevenueForServices"
name="PercentageOfTotalRevenueAndCostOfRevenueForServices" nillable="true"
substitutionGroup="xbrli:item" type="num:percentItemType"
xbrli:periodType="duration" />
    <xsd:element
id="hw_LineOfCreditFacilityTerminationDateBasedOnEarliestMaturityOfLongTermDebt"
name="LineOfCreditFacilityTerminationDateBasedOnEarliestMaturityOfLongTermDebt"
nillable="true" substitutionGroup="xbrli:item" type="xbrli:durationItemType"
xbrli:periodType="duration" />
    <xsd:element id="hw_DebtInstrumentBasisSpreadOnVariableRateOne"
name="DebtInstrumentBasisSpreadOnVariableRateOne" nillable="true"
substitutionGroup="xbrli:item" type="num:percentItemType" xbrli:periodType="instant"
/>
    <xsd:element id="hw_DebtInstrumentBasisSpreadOnVariableRateTwo"
name="DebtInstrumentBasisSpreadOnVariableRateTwo" nillable="true"
substitutionGroup="xbrli:item" type="num:percentItemType" xbrli:periodType="instant"
/>
    <xsd:element id="hw_DebtInstrumentBasisSpreadOnVariableRateThree"
name="DebtInstrumentBasisSpreadOnVariableRateThree" nillable="true"
substitutionGroup="xbrli:item" type="num:percentItemType" xbrli:periodType="instant"
/>
    <element
id="hw_LineOfCreditFacilitySpecifiedPercentageOfAvailabilityForFixedChargeCoverageRa
tioToApply"
name="LineOfCreditFacilitySpecifiedPercentageOfAvailabilityForFixedChargeCoverageRat
ioToApply" nillable="true" type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <xsd:element id="hw_CoverageRatio" name="CoverageRatio" nillable="true"
type="xbrli:pureItemType" substitutionGroup="xbrli:item" xbrli:periodType="duration"
/>
    <xsd:element abstract="true"
id="hw_DebtInstrumentVariableRateBaseFederalFundsRateMember"
name="DebtInstrumentVariableRateBaseFederalFundsRateMember" nillable="true"
substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
    <xsd:element abstract="true" id="hw_IncomeTaxTable" name="IncomeTaxTable"
nillable="true" substitutionGroup="xbrldt:hypercubeItem" type="xbrli:stringItemType"
xbrli:periodType="duration" />
    <xsd:element abstract="true" id="hw_IncomeTaxLineItems" name="IncomeTaxLineItems"
nillable="true" substitutionGroup="xbrli:item" type="xbrli:stringItemType"
xbrli:periodType="duration" />
    <element id="hw_IncomeTaxExpenseBenefitDiscreteItems"
name="IncomeTaxExpenseBenefitDiscreteItems" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <xsd:element abstract="true" id="hw_ExecutiveChangeInControlAgreementsMember"
name="ExecutiveChangeInControlAgreementsMember" nillable="true"
substitutionGroup="xbrli:item" type="nonnum:domainItemType"
xbrli:periodType="duration" />
    <xsd:element abstract="true" id="hw_CommitmentsAndContingenciesTable"
name="CommitmentsAndContingenciesTable" nillable="true"
substitutionGroup="xbrldt:hypercubeItem" type="xbrli:stringItemType"
xbrli:periodType="duration" />
    <xsd:element abstract="true" id="hw_CommitmentsAndContingenciesLineItems"
name="CommitmentsAndContingenciesLineItems" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:stringItemType"
xbrli:periodType="duration" />
    <element id="hw_PercentageOfPerformanceUnitAwardsVested"
name="PercentageOfPerformanceUnitAwardsVested" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element
```

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id="hw_AggregateValueOfSeverancePaymentsAndExcessOfMarketValueOfStockBasedAwards"
name="AggregateValueOfSeverancePaymentsAndExcessOfMarketValueOfStockBasedAwards"
nillable="true" type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <xsd:element id="hw_LongTermCapitalCommitmentsOnPropertyPlantAndEquipment"
name="LongTermCapitalCommitmentsOnPropertyPlantAndEquipment" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="debit"
xbrli:periodType="instant" />
    <xsd:element id="hw_DamagesForRemovalAndRemediationOfFlyAshAndWaterSupply"
name="DamagesForRemovalAndRemediationOfFlyAshAndWaterSupply" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="credit"
xbrli:periodType="duration" />
    <xsd:element id="hw_DamagesForVexation" name="DamagesForVexation" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="credit"
xbrli:periodType="duration" />
    <xsd:element id="hw_DamagesForOthers" name="DamagesForOthers" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="credit"
xbrli:periodType="duration" />
    <xsd:element
id="hw_DamagesForPropertiesPlusPrejudgmentInterestAttorneyFeesAndCosts"
name="DamagesForPropertiesPlusPrejudgmentInterestAttorneyFeesAndCosts"
nillable="true" substitutionGroup="xbrli:item" type="xbrli:monetaryItemType"
xbrli:balance="credit" xbrli:periodType="duration" />
    <xsd:element id="hw_AdditionalDamagesSoughtByOtherPlaintiffs"
name="AdditionalDamagesSoughtByOtherPlaintiffs" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="credit"
xbrli:periodType="duration" />
    <element id="hw_TaxEffectedOperatingAndCapitalLossCarryforwards"
name="TaxEffectedOperatingAndCapitalLossCarryforwards" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="instant" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <xsd:element abstract="false" id="hw_IntercompanyAccountsAndNotesNoncurrent"
name="IntercompanyAccountsAndNotesNoncurrent" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="debit"
xbrli:periodType="instant" />
    <xsd:element abstract="false"
id="hw_IntercompanyAccountsAndNotesPayableNoncurrent"
name="IntercompanyAccountsAndNotesPayableNoncurrent" nillable="true"
substitutionGroup="xbrli:item" type="xbrli:monetaryItemType" xbrli:balance="credit"
xbrli:periodType="instant" />
    <element id="hw_OtherBusinessAcquisitionsMember"
name="OtherBusinessAcquisitionsMember" nillable="true" type="nonnum:domainItemType"
substitutionGroup="xbrli:item" abstract="true" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_Acquisitions2014Member" name="Acquisitions2014Member"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
    <element id="hw_NetIncomeLossAvailableToCommonStockholdersBasicAndDiluted"
name="NetIncomeLossAvailableToCommonStockholdersBasicAndDiluted" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_EntegraMember" name="EntegraMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element
id="hw_DiscontinuedOperationsNumberOfTransactionsInWhichBuyerAgreedToAssumeLeaseAndC
ertainReclamationObligations"
name="DiscontinuedOperationsNumberOfTransactionsInWhichBuyerAgreedToAssumeLeaseAndCe
rtainReclamationObligations" nillable="true" type="xbrli:integerItemType"
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substitutionGroup="xbrli:item" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DiscontinuedOperationsNumberOfReclamationObligations"
name="DiscontinuedOperationsNumberOfReclamationObligations" nillable="true"
type="xbrli:integerItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_FiniteLivedIntangibleAssetsAmortizationExpenseYearSix"
name="FiniteLivedIntangibleAssetsAmortizationExpenseYearSix" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="instant" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element
id="hw_RedeemableNoncontrollingInterestEquityCommonCarryingAmountRollForward"
name="RedeemableNoncontrollingInterestEquityCommonCarryingAmountRollForward"
nillable="true" type="xbrli:stringItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_OwnershipPercentageGuarantorSubsidiaries"
name="OwnershipPercentageGuarantorSubsidiaries" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_OwnershipPercentageNonGuarantorSubsidiariesMaximum"
name="OwnershipPercentageNonGuarantorSubsidiariesMaximum" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_SeniorSecuredTermLoanDueMarch2022Member"
name="SeniorSecuredTermLoanDueMarch2022Member" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DebtInstrumentPeriodicPaymentPrincipalPercentageBasis"
name="DebtInstrumentPeriodicPaymentPrincipalPercentageBasis" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item" xbrli:periodType="instant"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_IncrementalTermLoansAndDebtMember"
name="IncrementalTermLoansAndDebtMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DebtInstrumentScheduledQuarterlyRepaymentAmount"
name="DebtInstrumentScheduledQuarterlyRepaymentAmount" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DebtInstrumentVariableRateBaseThirtyDayLiboMember"
name="DebtInstrumentVariableRateBaseThirtyDayLiboMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DebtInstrumentMinimumVariableRateFloor"
name="DebtInstrumentMinimumVariableRateFloor" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DebtInstrumentSecondaryMarginOnVariableRate"
name="DebtInstrumentSecondaryMarginOnVariableRate" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_DebtInstrumentPrepaymentPremiumPercentage"
name="DebtInstrumentPrepaymentPremiumPercentage" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element
id="hw_MaximumPercentageOfAnnualExcessCashFlowRequiredToBeUsedForPrepaymentOfDebt"
name="MaximumPercentageOfAnnualExcessCashFlowRequiredToBeUsedForPrepaymentOfDebt"
nillable="true" type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
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   <element id="hw_AnnualExcessCashFlowThresholdForRequiredPrepaymentOfDebt"
name="AnnualExcessCashFlowThresholdForRequiredPrepaymentOfDebt" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element
id="hw_PercentageOfNetProceedsOfNonOrdinaryCourseAssetSalesRequiredToBeUsedForPrepay
mentOfDebt"
name="PercentageOfNetProceedsOfNonOrdinaryCourseAssetSalesRequiredToBeUsedForPrepaym
entOfDebt" nillable="true" type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element
id="hw_PercentageOfNetProceedsOfCertainIssuancesOfDebtRequiredToBeUsedForPrepaymentO
fDebt"
name="PercentageOfNetProceedsOfCertainIssuancesOfDebtRequiredToBeUsedForPrepaymentOf
Debt" nillable="true" type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_ClaryMember" name="ClaryMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_MetroRoofProductsMember" name="MetroRoofProductsMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_RoofingBusinessAcquisitionsMember"
name="RoofingBusinessAcquisitionsMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_NumberOfAcquisitionsAggregated"
name="NumberOfAcquisitionsAggregated" nillable="true" type="xbrli:integerItemType"
substitutionGroup="xbrli:item" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_OhioPowerCompanyMember" name="OhioPowerCompanyMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_BasisOfPresentationAbstract" name="BasisOfPresentationAbstract"
nillable="true" type="xbrli:stringItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_BusinessCombinationConsiderationFuturePaymentsAccruedCurrent"
name="BusinessCombinationConsiderationFuturePaymentsAccruedCurrent" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="instant" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_Acquisitions2016Member" name="Acquisitions2016Member"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_LegalFeesNetOfCertainSettlementProceeds"
name="LegalFeesNetOfCertainSettlementProceeds" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
   <element id="hw_SyntheticMaterialsLlcMember" name="SyntheticMaterialsLlcMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_PersonalInjuryClaimsMember" name="PersonalInjuryClaimsMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
   <element id="hw_BuildingProductsMember" name="BuildingProductsMember"
```

```
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
    <element id="hw_ConstructionMaterialsMember" name="ConstructionMaterialsMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
    <element id="hw_SeniorNotes725PercentDueJanuary2019Member"
name="SeniorNotes725PercentDueJanuary2019Member" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_ConcreteRoofTileBusinessMember"
name="ConcreteRoofTileBusinessMember" nillable="true" type="nonnum:domainItemType"
substitutionGroup="xbrli:item" abstract="true" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_DeckingManufacturingAssetsMember"
name="DeckingManufacturingAssetsMember" nillable="true" type="nonnum:domainItemType"
substitutionGroup="xbrli:item" abstract="true" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_KrestmarkIndustriesMember" name="KrestmarkIndustriesMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
    <element id="hw_IncreaseDecreaseInOtherChangesInOperatingAssetsAndLiabilitiesNet"
name="IncreaseDecreaseInOtherChangesInOperatingAssetsAndLiabilitiesNet"
nillable="true" type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element
id="hw_BusinessAcquisitionPurchasePriceAllocationPrepaidCompensationAmortizationPeri
od"
name="BusinessAcquisitionPurchasePriceAllocationPrepaidCompensationAmortizationPerio
d" nillable="true" type="xbrli:durationItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_Acquisitions2014And2015And2016Member"
name="Acquisitions2014And2015And2016Member" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_IncrementalSeniorSecuredTermLoanDueMarch2022Member"
name="IncrementalSeniorSecuredTermLoanDueMarch2022Member" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_TermLoanFacilityMember" name="TermLoanFacilityMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
    <element id="hw_BoralLimitedMember" name="BoralLimitedMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_MergerAgreementAcquirerTerminationFee"
name="MergerAgreementAcquirerTerminationFee" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_MergerAgreementAcquireeTerminationFee"
name="MergerAgreementAcquireeTerminationFee" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_AgreementAndPlanOfMergerToAcquireHeadwatersInc.Member"
name="AgreementAndPlanOfMergerToAcquireHeadwatersInc.Member" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
```

```
    <element
id="hw_BusinessAcquisitionConditionalMonthlyIncreaseInAcquisitionSharePrice"
name="BusinessAcquisitionConditionalMonthlyIncreaseInAcquisitionSharePrice"
nillable="true" type="num:perShareItemType" substitutionGroup="xbrli:item"
xbrli:periodType="instant" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_RetentionAgreementsMember" name="RetentionAgreementsMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
    <element id="hw_RetentionAgreementsTotalCommitments"
name="RetentionAgreementsTotalCommitments" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element
id="hw_RetentionAgreementsRequiredTermOfContinuousEmploymentAfterClosingDateForPayme
ntEligibility"
name="RetentionAgreementsRequiredTermOfContinuousEmploymentAfterClosingDateForPaymen
tEligibility" nillable="true" type="xbrli:durationItemType"
substitutionGroup="xbrli:item" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element
id="hw_RetentionAgreementsAcquirerTerminationRequiredTermOfContinuousEmploymentAfter
ClosingDateForPaymentEligibility"
name="RetentionAgreementsAcquirerTerminationRequiredTermOfContinuousEmploymentAfterC
losingDateForPaymentEligibility" nillable="true" type="xbrli:durationItemType"
substitutionGroup="xbrli:item" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element
id="hw_AcceleratedAmortizationOfDebtIssuanceAndDebtDiscountCostsPartialDebtRepayment
"
name="AcceleratedAmortizationOfDebtIssuanceAndDebtDiscountCostsPartialDebtRepayment"
nillable="true" type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_CashPerformanceUnitAwardsPaymentAxis"
name="CashPerformanceUnitAwardsPaymentAxis" nillable="true"
type="xbrli:stringItemType" substitutionGroup="xbrldt:dimensionItem" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_CashPerformanceUnitAwardsPaymentDomain"
name="CashPerformanceUnitAwardsPaymentDomain" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_CashPerformanceUnitAwardsTrancheOneMember"
name="CashPerformanceUnitAwardsTrancheOneMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_CashPerformanceUnitAwardsTrancheTwoMember"
name="CashPerformanceUnitAwardsTrancheTwoMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_CashPerformanceUnitAwards2017GrantsMember"
name="CashPerformanceUnitAwards2017GrantsMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_PercentageOfPerformanceUnitAwardPaymentsDue"
name="PercentageOfPerformanceUnitAwardPaymentsDue" nillable="true"
type="num:percentItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_WindowsCompanyMember" name="WindowsCompanyMember" nillable="true"
type="nonnum:domainItemType" substitutionGroup="xbrli:item" abstract="true"
xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema" />
    <element id="hw_LossOfEnjoymentOfPropertyMember"
```

```
name="LossOfEnjoymentOfPropertyMember" nillable="true" type="nonnum:domainItemType"
substitutionGroup="xbrli:item" abstract="true" xbrli:periodType="duration"
xmlns="http://www.w3.org/2001/XMLSchema" />
  <element id="hw_EmployeeOwnedCompanyMember" name="EmployeeOwnedCompanyMember"
nillable="true" type="nonnum:domainItemType" substitutionGroup="xbrli:item"
abstract="true" xbrli:periodType="duration" xmlns="http://www.w3.org/2001/XMLSchema"
/>
  <element id="hw_PaymentsOfDeferredConsiderationDueForPreviousAcquisition"
name="PaymentsOfDeferredConsiderationDueForPreviousAcquisition" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="credit"
xmlns="http://www.w3.org/2001/XMLSchema" />
  <element id="hw_AdjustmentForPaymentsOfFinancingDebtExtinguishmentCosts"
name="AdjustmentForPaymentsOfFinancingDebtExtinguishmentCosts" nillable="true"
type="xbrli:monetaryItemType" substitutionGroup="xbrli:item"
xbrli:periodType="duration" xbrli:balance="debit"
xmlns="http://www.w3.org/2001/XMLSchema" />
</xsd:schema>
```